

Professional Transportation Bulletin

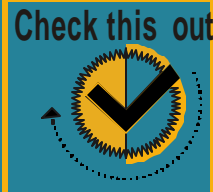
PTB 157

August 05, 2010

**Statements of Interest are due before 12:00 p.m.
on August 26, 2010
Selection Date: October 20, 2010**



Help?
INFORMATION



Illinois Department of Transportation
2300 South Dirksen Parkway, Springfield, Illinois 62764

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: October 20, 2010

The following revisions have been made to this Professional Transportation Bulletin. If you downloaded the bulletin prior to the noted revision date, you should incorporate the revisions or download and use a new copy of the bulletin.

REVISION DATE: There are no revisions as of August 5, 2010

State Of Illinois Contact Information

Department Of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on **IDOT's WEBSITE** at <http://www.dot.il.gov>.

Professional Transportation Bulletin

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski

Consultant Unit Chief

E-mail: Carrie.Kowalski@illinois.gov

Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment
2300 South Dirksen Parkway
Attn: Consultant Unit
Room 330
Springfield, IL 62764

Tentative Schedule For Professional Transportation Bulletins

ACTIVITY	PTB 158	PTB 159	PTB 160	PTB 161	PTB 162	PTB 163	PTB 164
PUBLISH PTB	11/10/10	02/03/11	05/05/11	08/04/11	11/10/2011	02/01/2012	05/02/2012
***STATEMENTS OF INTEREST ARE DUE	12/02/10	02/24/11	05/26/11	08/25/11	12/01/11	02/22/2012	05/23/2012
SELECTION MEETING	01/26/11	04/20/11	07/20/11	10/19/11	01/25/12	04-17-12	07/17/2012

***** STATEMENTS OF INTEREST FOR PTB 157 MUST BE RECEIVED BETWEEN:
Publish Date 08-05-10 & 08-26-10 (12:00 P.M. NOON)**

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Required forms for each submittal are available at <http://www.dot.il.gov/desenv/deform.html>

Review the Guidelines and E-mail procedures in the PTB for submittal requirements. Both are linked in the bookmarks.

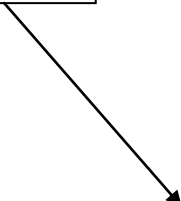
We encourage the review of the FREQUENTLY ASKED QUESTIONS, located in the NEW NOTICES and the website: <http://www.dot.il.gov/desenv/FAQ.html>

NOTICE

Proposed Negotiation Meeting information for Items will be available at the following link: <http://www.dot.il.gov/dobuisns.html>

Consultant Services

Link for
negotiation
information



[Bridge CADD Standards / Downloads](#)
[CADD Roadway Drafting Reference Guidelines](#)
[CADD Standards/Downloads](#)
[CADD Roadway and Structure Project Deliverables Policy](#)
[Consultant Forms](#)
[Consultant Mentor Protégé Program](#)
[Consultant Prequalification](#)
[Consultants Professional Transportation](#)
[Bulletins](#)
[Facility Cost of Capital Rates](#)
[Federal Mileage Reimbursement Rates \(for existing contracts with CONUS\)](#)
[Frequently Asked Questions **NEW**](#)
[Negotiation Information for Current Bulletin](#)
[Professional Transportation Bulletin](#)
[Schedule](#)
[Standard Agreement Provisions for Consultants](#)
[State Mileage Reimbursement Rates](#)
[Uniform Audit and Accounting Guide](#)

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 - Ralph Anderson
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Notice Of IDOT Staffing Changes

Ms. Cheryl Cathey is now the Acting Land Acquisition Bureau Chief.

Ms. Janet Pisani is now the Acting Section Head of Preliminary Engineering in the Bureau of Design and Environment.

Please address all Consultant related issues to Janet L. Pisani, P.E.

E-mail: Janet.Pisani@illinois.gov and Phone: 217-782-7557.

Notice Of New Disclosure Form Effective 7-6-10

The Disclosure Form has been revised. The **BDE DISCLOSURE 2 Template** must be submitted by Consultant Engineering firms submitting as Primes on PTB 157 and for all subsequent Professional Transportation Bulletins.

The Template is located under Doing Business/Forms/Design and Environment Forms.

<http://www.dot.il.gov/desenv/deform.html>

BDE DISC 2 Template (Consultants)	Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure	07/06/10
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Introduction

STATE OF ILLINOIS
Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

PROFESSIONAL TRANSPORTATION BULLETIN #157
Publish August 5, 2010

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: <http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification>.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project to the SOIPTB@dot.il.gov e-mail address.

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT AT THE ABOVE E-MAIL ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 12:00 P.M. LOCAL TIME, August 26, 2010. STATEMENTS RECEIVED AFTER THIS TIME WILL NOT BE CONSIDERED.

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The firm's proximity to the project, when important.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for IDOT, if applicable.

All members of the Consultant Selection Committee will be **unavailable** to discuss specifics of projects listed herein during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters expressing your interest in various projects and/or correspondence concerning your firm via Overnight/Federal Express mail to members of the Consultant Selection Committee.

Guidelines for Submitting Statements of Interest (SOI)

The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. Any work being done by a consultant, prime or sub must be prequalified in the category of work they are performing.

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project that includes the following:

- 1) A cover sheet, clearly identifying the PTB Number, Item Number, Firm Name, and IDHR number (if available, see recurring notices). No additional information is required on the cover.
- 2) A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)
- 3) A Table of Contents with page numbers, identifying the approach, exhibits, resumes, etc.
- 4) Color graphics/photographs should be limited in the submittal because the size limitation on incoming e-mail is 2 MB. Photo's etc. can create a large file so use at your discretion.
- 5) Complete **Exhibit A** as follows:
 - a) List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
 - b) QC/QA personnel must be different individuals than the staffing, which prepared the documents.
 - c) Attach resumes of all personnel listed in a) above. Individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
 - d) Designate the estimated time required to complete the project using the personnel presented. A completion date and/or number of months to complete the project should also be provided.
 - d) Identify proposed subconsultants and item(s) of work they will perform. If a DBE Goal is in the advertisement list the DBE subconsultant(s) and work the firm will be performing. All Subconsultants must be prequalified in the area of work they will be performing.
 - e) Include Mentor Protégé data if participating.
- 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**.
- 7) Experience of the staff or firm in accomplishing similar types of work should be shown for only the most recent projects and should be concise and relevant to the expertise required for the specific project. If there are several projects with the same work completed, then one summary would be adequate with each location and the project manager noted for each. This information should be shown at the end of the SOI.
- 8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.

Guidelines for Submitting Statements of Interest (SOI)

- 9) The Instructions for completing the Current Obligation documents immediately precede the Current Obligation forms. The Current Obligation Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required.
- 10) Instructions for completing Disclosure **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B**. Disclosure Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.
- 11) The Delinquent Debt Certification is separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included at the bottom of the Delinquent Debt document.
- 12) The Disclosure of Business Operations in Iran is a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- 13) Exhibit A, Exhibit B, the Current Obligations Form, Disclosure Forms, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are available as word documents on our web site: <http://www.dot.il.gov/desenv/deform.html>

The following addresses may be used when a hard copy of the SOI is requested to be sent to the Central Office in the advertisement:

Illinois Department of Transportation
Bureau of Design and Environment
Chief of Preliminary Engineering
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, Illinois 62764

If SOI is required to be sent to the Region/District, use addresses as follows:

Region 1

Ms. Diane O'Keefe

District 1

201 West Center Court
Schaumburg, IL 60196

Region 2

Mr. George Ryan

District 2

819 Depot Avenue
Dixon, IL 61021

Mr. George Ryan

District 3

700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Guidelines for Submitting Statements of Interest (SOI)

Regional Engineers Continued:

Region 3

Mr. Joseph Crowe

District 4

401 Main Street
Peoria, IL 61602

Mr. Joseph Crowe

District 5

Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

Mr. Roger Driskell

District 6

126 East Ash St.
Springfield, IL 62704

Mr. Roger Driskell

District 7

400 West Wabash
Effingham, IL 62401

Region 5

Ms. Mary Lamie

District 8

1102 Eastport Plaza Drive
Collinsville, IL 62234

Ms. Mary Lamie

District 9

State Transportation Building
P.O. Box 100
Carbondale, IL 62903

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

We require Statements of Interest (SOI) to be submitted through the e-mail system using Adobe Acrobat 5.0 or greater Software.

Electronic submittals should be made to the Central Office only. The Central Office will forward the necessary consultant information to the Regions/Districts and other Bureaus or Divisions. All electronic submittals should be addressed to SOIPTB@dot.il.gov

Each prequalified consultant firm has been assigned a unique 2 to 6 character Firm Name Code that must be used when submitting electronic Statements of Interest. This code appears on the SEFC Prequalification Page, the page that lists the prequalification categories, and is sent with your annual prequalification letter. The code is located at the top of the page and is next to the Firm Name.

It is important your e-mail appear exactly as the attached example described below: (Note: ABC Engineering is used for example purposes only. The Code for this firm is "ABC")

- The Subject Line must read: FIRM NAME, PTB NUMBER, ITEM(S)

(Example: ABC Engineering, PTB 151, Items 4, 12, & 22) If there will be more than one e-mail please note as follows: e-mail 1 of ___ the total number to be sent.)

- The first line of your e-mail should indicate your Firm Name, PTB & Items Number(s) on which your firm is submitting.

(Example: ABC Engineering has submittals for PTB 151, Items 4, 12 and 22.)

- The second line should list the name, phone number, and e-mail of the person to contact should there be any questions regarding the submittal.

- Each attachment must be labeled as indicated below:

1. For each Item on which you are submitting use your 2-6 character Firm Name Code, immediately followed by the 2-digit Item Number (i.e., 01 through 99).
(Example: ABC04.pdf)

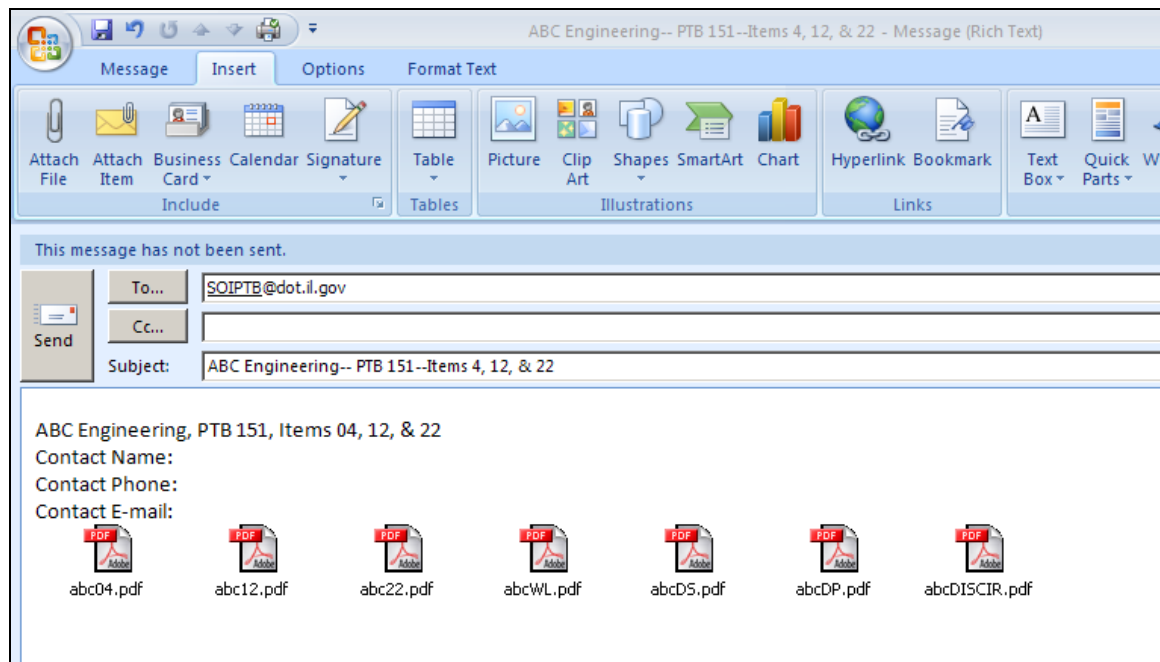
2. For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.
(Example: ABCWL.pdf)

3. For your firm's Disclosure Forms, use your 2-6 character Firm Name Code, followed by DS.
(Example: ABCDS.pdf)

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

4. For your firm's Delinquent Debt Payment Certification, use your 2-6 character Firm Name Code, followed by DP.
(Example: ABCDP.pdf)
5. For your firm's Disclosure of Business Operations in Iran, use your 2-6 character Firm Code, followed by DISCIR.
(Example: ABCDISCIR.pdf)

Please review the following example e-mail:



Detail Descriptions of Attachments for electronic submittal:

- ABC04, ABC12, and ABC22 are the Statements of Interest for the submitted Items and must include Exhibit A. Following Exhibit A, include resumes of the key management personnel and project staff listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.
- ABCWL is the Current Obligation Form. Requirement: Only Prime submits one copy of the Current Obligation Form. Instructions shown on page one should not be sent.
- ABCDS is the Disclosure Forms. Requirement: Only Prime submits one copy of the Disclosure Form. Disclosure file would consist of Form A and Form B.

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

- ABCDP is the Delinquent Debt Compliance Statement. Requirement: Prime and any known subconsultants the prime will be using are required to submit this form. The forms should be converted to pdf and submitted as one pdf document, not multiple files.
- ABCDISCIR is the Disclosure of Business Operations in Iran. Requirement: Only Prime submits one copy of the form.

Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

Exhibits (A & B), Current Obligations, Disclosure Forms A & B, Delinquent Debt Certification, and Disclosure Business in Iran are available as electronic documents and may be downloaded from our web-site: <http://www.dot.il.gov/desenv/deform.html>. The bookmarks in the Professional Transportation Bulletin are also linked to the website.

Use the latest documents provided on the web site. The documents are labeled as follows:

- Exhibit A = BDE XHBT-A • Exhibit B = BDE XHBT-B
- Current Obligations = BDE CUR-OB
- Disclosure Forms (A & B) = BDE DISC 2 Template (Consultants)
- Delinquent Debt (Consultants) = BDE 3000
- Disclosure of Business In Iran= BDE 2900

We also have frequently asked questions for submitting Statements of Interest. They are located at <http://www.dot.il.gov/desenv/FAQ.html>

If you have questions, Please contact Carrie Kowalski at Carrie.Kowalski@illinois.gov.

PROFESSIONAL TRANSPORTATION BULLETIN REQUIRED FORMS FOR STATEMENT OF INTERESTSUBMITTAL

The forms listed below are in Microsoft Word 2007 except for the Current Obligations, which is in Microsoft Excel.

To open Microsoft Office Word 2007 .docx or .docm files with Microsoft Office Word 2003, Word 2002, or Word 2000, you need to install the [Microsoft Office Compatibility Pack for 2007 Office Word, Excel and PowerPoint File Formats](#) and any necessary Office updates. By using the Compatibility Pack for the 2007 Office system, you can open, edit some items, and save Office Word 2007 documents in previous versions of Word.

All required forms are located at: <http://www.dot.il.gov/desenv/deform.html> and are shown below.

If the link next to form name below doesn't open the document, go directly to the site above.

BDE 2900	Disclosure of Business Operations in Iran	09/14/09
BDE 3000	Delinquent Debt Certification (Consultant)	
BDE CUR-OB	Consultant's Current Obligations for Statements of Interest.	10/01/08
BDE XHBT-A	Consultant Exhibits A	12/22/09
BDE XHBT-B	Consultant Exhibits B	12/01/09
BDE DISC 2 Template (Consultants)	Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure	07/06/10

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Item #	County	Description
Region 1/District 1		
1.	Cook	Phase I Environmental Impact Statement Project, I-290 (Eisenhower Expressway) from west of US 12/20/45 (Mannheim Rd.) to east of IL 50 (Cicero Ave.)
2.	Lake	Phase II Project, I-94/US 41 from Wisconsin State Line to IL 173 and at Russell Road.
3.	Cook	Phase II Project, I-55 (Stevenson Expressway) from I-94 (Dan Ryan Expressway) to US 41 (Lake Shore Drive).
4.	Cook	Phase II Project, IL 7 (159 th St.) from I-355 to Will Cook Road.
5.	Cook	Phase II Project, bridges over Spring Creek & Marley Creek, and traffic signal modernization to US 6/IL 7 (159 th St.) from Will Cook Road to west of US 45 (La Grange Rd.)
6.	Various	Phase III Project, various expressway and arterial roadside maintenance and repair projects throughout the District.
7.	Will	Phase III Project, I-80 from US 30 to US 45
8.	Will	Phase II project, at I-57 and Stuenkel Road
9.	Various	Phase II Project Manager for Various Projects
10.	Kane/ Cook	Phase I Project, US 20 from west of Randall Road to east of Shales Parkway.
11.	Various	Phase I Various Projects, including environmental studies.
12.	Cook	Phase II Project, Willow Road from east of the Des Plaines River to Culligan
13.	Various	Phase II Various Projects
14.	Various	Various projects for Data Bank Management Consultant (DBMC) for field collection and office processing of roadway, structure, jurisdictional confirmation/changes, and traffic monitoring data.
15.	Various	Phase III various projects
16.	Various	Phase III various projects
17.	Various	Various signal coordination and timing (SCAT) projects
18.	Various	Various signal coordination and timing (SCAT) projects

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Item #	County	Description
Region 1/District 1		
19.	Various	Various Value Engineering Projects
20.	Cook	Phase II Project, US 12/20/45 (LaGrange Road) at Joliet Road intersection.
21.	Cook/DuPage	Land Surveying services for proposed Western Bypass of the Elgin-O'Hare Expressway
22.	Various	Various land surveying projects
23.	Various	Various land surveying projects
Region 2/District 2		
24.	Various	Phase I and II Various Projects
25.	Various	Phase I and II Various Projects
26.	Winnebago	Phase III Various Projects
27.	Various	Phase III Various Projects
Region 2/District 3		
28.	Various	Phase I and/or II Various Traffic Engineering Projects
29.	Kankakee	Phase III Project, I-57/IL 50 Interchange Reconstruction & replacement of the structures over the Illinois Central Railroad (ICR).
30.	LaSalle	Phase III Project, IL 178 (Utica Realignment) through the village of North Utica
31.	Various	Various Route and Land Survey Projects
Region 3/District 4		
32.	Various	Phase I/II Various Structure Projects
33.	Various	Phase III (QA) for an engineering Project Manager (PM) to manage/supplement various IDOT Materials processes
34.	Various	Various LiDAR and Photogrammetry Projects
Region 3/District 5		
35.	Various	Phase III Various Projects
36.	Various	Phase III Various Projects

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Item #	County	Description
Region 4/District 6		
37.	Various	Phase I/II Various Projects
38.	Cass & Morgan	Phase II Project approximately 9.5 miles of four-lane expressway for US 67 from 2.0 miles north of the Morgan/Cass County Line to 3.0 miles east of IL 100, Southeast of Meredosia.
Region 5/District 8		
39.	Jersey/ Greene	Land Surveying for US 67 from DeArcy Creek in Jersey County to Macoupin Creek in Greene County.
40.	St. Clair	Phase III for IL 3 over the UPRR in Dupu.
41.	Various	Phase I/II Various Projects including Value Engineering for various projects
42.	Various	Phase I/II Various Projects
43.	Various	Various Land and Route Survey Projects
44.	Various	Various Subsurface Utility Engineering (SUE) Projects
Region 5/District 9		
45.	Various	Various Land and Route Survey Projects
46.	Various	Phase I/II Various Projects
Bureau of Bridges & Structures		
47.	Various	Phase I/II Various Statewide Structural Engineering Projects
48.	Various	Phase I/II Various Statewide Structural Engineering Projects
49.	Various	Underwater Diving Inspections and Investigations for Structures Statewide
Bureau of Design and Environment		
50.	Various	Various Phase II Highway Lighting Projects.
51.	Various	Various LiDAR and Photogrammetry Projects for the Southern Area of Illinois.
52.	Various	Various Statewide Waste Assessment Investigations, Studies, and Designs.

1. **Job No. P-91-597-10, I-290 (Eisenhower Expressway) from west of US 12/20/45 (Mannheim Rd.) to east of IL 50 (Cicero Ave.), Environmental Impact Statement (EIS) Cook County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010, at 1:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required to complete work initiated by other consultants involving the preparation of a Combined Design Report and Environmental Impact Statement (EIS) for the reconstruction of I-290 from west of US 12/20/45 to east of IL 50. A key planning tool will include a public involvement program based upon the principles of Context Sensitive Solutions. Since this project is on-going, extensive coordination may be required to facilitate the transition between the selected consultant and the consultant currently working on Phase I. All work for this project will be in English units.

The selected Consultant and their subconsultants contracted to perform Phase I engineering services outlined in this advertisement shall not be eligible to also perform Phase I engineering oversight services as a prime or subconsultant for this I-290 study. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

Phase I work is anticipated to include but not be limited to data collection as well as analysis including: traffic counts and 2040 projections; traffic modeling and analysis; bridge studies including bridge inspections and condition reports; retaining wall studies; analysis; accident analysis; Section 4(f) documentation; drainage studies including pump stations; geometric studies including intersection as well as interchange design studies; access justification reports; Financial Plan, Project Management Plan; Traffic Management Plan; public involvement; and all other work necessary to document Phase I studies based on current information.

The department will furnish the Consultant with all previously compiled and/or prepared Phase I documentation including available microfilm plans; existing and projected 2030 traffic data; aerial photography and/or mapping; available existing ground survey; accident data; utility coordination and correspondence; right-of-way data, as available; archaeological, historical, biological survey and hazardous waste coordination.

The estimated construction cost for this project is in excess of \$1,000,000,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- Person who will be responsible for preparing structural concepts. The person must be an Illinois licensed Structural Engineer.
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.
- The person, who will perform the work in the area of Special Transportation Studies (Mass Transit) (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person, who will perform the work in the area of Special Transportation Studies (Railway Engineering) (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The public involvement lead responsible for developing and supporting an overall Stakeholder Involvement process. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

Statements of Interest must also provide the approach the firm would take on this project, beginning with a description of an internal project management approach that would effectively interface with a diverse group of agency specialists and managers that are spread across two states. In addition, specific descriptions of the Engineering, Environmental, and Stakeholder Involvement/communications approach for the study should be provided, and a brief summary of the experience and qualifications of the consultant team members leading these efforts.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Impact Statements)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

2. **Job No. D-91-019-11, FAI 94 (I-94/US 41), from Wisconsin State Line to IL 173 and at Russell Rd., Additional lanes, Interchange Reconstruction and Bridge Replacement, Phase II, Lake County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 27, 2010 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates for widening approximately 2.5 miles of I-94 from IL 173 to Russell Road. The work is expected to include adding one mainline lane in each direction from IL 173 to the US 41 ramps, mainline reconstruction and widening from the US 41 ramps to the end of the project at Russell Road, and improvements to the interchanges of I-94 with IL 173, US 41 and Russell Road. Lighting is anticipated to be installed. Russell Road will be reconstructed and widened from Old US 41 to the frontage road west of I-64, and IL 173 will be reconstructed and widened within the limits of the interchange. Structure work is anticipated to include the removal and reconstruction of the bridge, which carries IL 173 over I-94, and the bridges, which carry Russell Road over northbound and southbound I-94. MSE retaining walls are anticipated on both sides of Russell Road between the bridges over I-94. All work for this project will be in English units.

The following structures are included in this project:

- SN: 049-0058 - IL 173 over I-94
- SN: 049-0078 (Existing) - Russell Road over NB I-94
- SN: 049-0089 (Existing) - Russell Road over SB I-94

The department will furnish the Consultant with microfilm plans, Bridge Condition Report, Project Report, Hydraulic Report, and any other available applicable items.

The estimated construction cost for this project is \$44,100,000. The Consultant's work is expected to include preparation of contract plans, specifications, and estimates. The Consultant will prepare TS&L plans, structure plans, geotechnical borings, investigation and analysis, supplemental surveys, drainage and utilities investigation, temporary traffic signal and any other work necessary to complete Phase II. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in-charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project

Highways (Freeways)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

3. **Job No. D-91-002-11; FAI-55 (Stevenson Expy) from I-94 (Dan Ryan Expy) to US 41 (Lake Shore Drive), Phase II Bridge Replacement, Cook County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010 at 1:30 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates which include structure and roadway plans for the improvement of I-55 from I-94 (Dan Ryan Expy) to US 41 (Lake Shore Drive). The limits along I-55 extend approximately from Prairie Avenue to Lake Shore Drive for about 0.5 mile and along US 41 (Lake Shore Drive) from approximately 18th Street to 31st Street for about 1.4 miles. The proposed work is expected to consist of the removal and replacement of the existing six structures. The approach slabs are anticipated to be replaced, also. Structure borings and geotechnical investigation and report are also required. The eastbound I-55 ramp to southbound US 41 and the northbound US 41 ramp connector to westbound I-55 are expected to be widened. Structure lighting and underpass lighting are also anticipated. Detour route is anticipated to be required to complete the project. The extent of the structure replacement for these bridges will be established based on the approved Bridge Condition Reports. All work for this project will be in English units.

The following structures are included in this project:

- SN: 016-1055 – Westbound I-55 over Prairie Avenue to ICG RR.
- SN: 016-0036 – Eastbound I-55 over Prairie Avenue to ICG RR.
- SN: 016-1045 – Eastbound I-55 Ramp to Southbound U.S. 41 (LSD).
- SN: 016-1052 – Southbound U.S. 41 (LSD) to Westbound I-55 connector Ramp.
- SN: 016-1048 – Northbound U.S. 41 (LSD) to Southbound I-55 connector Ramp.
- SN: 016-1075 – I-55 Eastbound connector Ramp to Northbound U.S. 41 (LSD).

The department will furnish the Consultant with available microfilm plans, Bridge Condition Report, project report, hydraulic report, and other necessary items if available.

The estimated construction cost for this project is \$54,500,000. The Consultant's work includes preparation of contract plans, specifications, and estimates. The Consultant will prepare TS&L plans, structure plans, geotechnical borings, investigation & analyses, supplemental surveys, roadway plans, drainage & utility investigation, maintenance of traffic plan, lightings, and other related work to complete Phase II contract plans. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the work in the area of lighting design (must be an Illinois Licensed Professional Engineer). Special Plans (Lighting) prequalification categories requirement maybe completed by Sub and/or Prime.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Complex)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

4. **Job No. D-91-010-11, IL 7 (159th Ave.) from I-355 to Will Cook Road, Phase II Project, Cook County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0.035**.

This project requires 20% DBE participation.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 28, 2010 at 8:00 AM** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of plans, specifications and cost estimates for the reconstruction, add lanes, and traffic signal modernization to IL 7 (159th St.) from I-355 to Will Cook Road. All work for this project will be in English units.

The Consultant's work includes preparation of contract plans, specifications, and estimates. The Consultant will prepare roadway plan; maintenance of traffic plan; traffic signal plan; drainage & utility plans; cross sections; geotechnical borings, investigation & analyses; supplemental surveys; drainage & utility investigation; all applicable permits, and all other necessary related work to complete Phase II contract plan. The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures, local agency's requirements; and all applicable manuals and schedules.

The department will furnish the Consultant with available microfilm plans, project report, hydraulics report, and other necessary items if available.

The current estimated construction cost for this project is \$64,300,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience).

The prime firm must be prequalified in the **Highways (Roads & Streets)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

5. **Job No. D-91-011-11, US 6/IL 7 (159th Ave.) from Will Cook Road to west of US 45 (La Grange Rd.), Phase II Project, Cook County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0.035**.

This project requires 20% DBE participation.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 27, 2010 at 1:30 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of plans, specifications and cost estimates for anticipated reconstruction, lane additions, reconstruction of approximately four dry land bridges, and replacement of bridges over Spring Creek & Marley Creek, and traffic signal modernization of US 6/IL 7 (159th Street). Project is expected to go from Will Cook Road to west of US 45 (La Grange Rd.) on 159th Street. All work for this project will be in English units.

The following structures are anticipated to be included in this project:

- SN: 016-D010 - over dry land
- SN: 016-D011 - over dry land
- SN: 016-D012 - over dry land
- SN: 016-D013 - over dry land
- SN: 016-1210 - over Spring Creek
- SN: 016-0381 - over Marley Creek

The Consultant's work includes preparation of contract plans, specifications, and estimates. The Consultant will prepare roadway plan; maintenance of traffic plan; traffic signal plan; drainage & utility plans; TS & L plan; structure plan; geotechnical borings, investigation & analyses; supplemental surveys; drainage & utility investigation; all applicable permits, and all other necessary related work to complete Phase II contract plan. The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures, local agency's requirements; and all applicable manuals and schedules.

The department will furnish the Consultant with available microfilm plans, project report, hydraulics report, bridge condition report and other necessary items if available.

The estimated construction cost for this project is \$30,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Simple)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

6. **Job No. C-91-013-11, Construction Inspection Services for Maintenance and Repair Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 3, 2010 at 9:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering services are required to assist the department's engineers, managers and/or technicians for construction inspection on various expressway and arterial roadside maintenance and repair projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. Work for this project may be in either English or metric units.

The Consultant is expected to provide One (1) to two (2) engineers and four (4) to six (6) engineering technicians and are anticipated to be required for day and night time work during the construction seasons. Typical work assignments may consist of construction inspection and documentation for general roadway and roadside maintenance repair projects. Various work activities consist of but are not limited to monitoring and adjusting work zone traffic control and site protection for quality control and monitoring and adjusting contractor work crew field activities for quality control. Various maintenance projects may consist of sweeping, guardrail repair, pedestrian barrier/fence repair, cable road guard repair, drainage repair, PCC and bituminous concrete pavement repair, curb and gutter repair, pavement marking/painting/reflectorization, sign repair, drainage, sign repair, surveying for existing damage, marking up existing damage, preparation of work orders, preparing and submitting any required documentation and providing general assistance as a member of a field crew. Survey/layout services may be required. There will also be required attendance at any project meetings as determined by the department.

The proposed staff must have a **STRONG** working knowledge of Departmental Specifications for Road and Bridge Construction, the Department Construction Manual, Traffic Control & Site protection, and Documentation Inspection procedures.

The following structures are anticipated to be included in this project:

- Pedestrian Barrier/Fencing
- Guardrail
- High Tension Roadside Cable Road Guard
- Impact Attenuators
- Drainage
- Hand Railing
- Curb & Gutter
- Barrier and/or Sound Walling
- Bridges

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with contract plans and specifications.

The estimated construction cost of these projects may range from \$200,000 to \$1,000,000. The Consultant's work includes but is not limited to providing qualified staff, vehicles with suitable appropriate traffic control and safety lighting for personnel to travel to and perform all contract related work, cell phones, GPS, cameras, computers and any other various associated equipment and materials necessary to complete a project. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer.
- The Materials Coordinator.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities.**)
- The Materials QA Technician.
- The Survey Chief.

Statements of Interest must include a brief summary of the proposed personnel's experience and qualifications in regards to the Departmental Specifications for Road and Bridge Construction, the Department Construction Manual, Traffic Control & Site Protection, and Documentation Inspection procedures.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

7. **Job No. C-91-016-11, I-80 from US 30 to US 45, Phase III Project, Will County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 3, 2010 at 8:00 AM in the Second Floor Construction Conference Room** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of I-80 from US 30 to US 45. The work includes, but is not limited to, construction of median shoulders and median barrier along I-80 from east of US 30 to east of US 45. The existing inside shoulder is full depth pavement and is constructed to be used as a future travel lane. A closed drainage design for the median area throughout the project limits will be required. The existing I-80 structure over the Norfolk and Southern Railroad will be widened with some minor repairs and maintenance. Signing and surveillance work will be included and all other work necessary to complete the project. All work for this project will be in English units.

The following Structures may be included:

- S.N. 099-0070 - [EB I-80 over the Norfolk and Southern Railroad]
- S.N. 099-0071 - [WB I-80 over the Norfolk and Southern Railroad]

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is November 30, 2011. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

8. **Job No. D-91-001-11, FAI-57 at Stuenkel Road Proposed Interchange, Phase II Project, Will County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 27, 2010 at 8:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates, including TSL, structure and roadway plans and all other works required to complete the design of the proposed interchange at I-57 and Stuenkel Road. The proposed improvement is expected to include construction of the interchange ramps, signalized ramp terminals, and additional auxiliary lanes for the northbound and southbound I-57. The Consultant is expected to prepare plans for the improvement of Stuenkel Road from approximately one mile west of Ridgeland Ave. to Central Ave., removal and replacement of the existing Stuenkel Road Bridge over I-57, and removal and replacement of box culverts under I-57 and Stuenkel Road. The improvement may provide for a new lighting system, traffic signals with emergency vehicle signal pre-emption equipment, highway drainage system, surveillance items and other incidental work required to complete the project. It is likely there will be several stages of work and multiple construction contracts to complete the project. All work for this project will be in English units.

The following structure is included in this project:

- S.N.-099-0200 (existing) S.N.099-0526 (proposed) – Stuenkel Road over I-57

The department will furnish the Consultant with project report, location drainage study, pavement design, available microfilm plans, and any other applicable available data.

The estimated construction cost for this project is \$35,000,000. The Consultant's work includes preparation of TSL plans, route surveys, geotechnical engineering services, and contract plans. The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement may be completed by Sub and/or Prime.
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Land Surveyor and/or and Illinois Licensed Professional Engineer). Route survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

9. **Job No. D-91-772-10, Phase II Project Management and Project Support for Various Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 28, 2010 at 1:30 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for an engineering management and project support as well as other functions as assigned necessary to accomplish Phase II services. The Consultant Project Manager (PM) will manage various Phase II projects, which are under contract with other consultant engineering firms. Work orders under the blanket will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The PM and their staff will be expected to perform work similar to an IDOT Project Engineer and staff. The PM and their staff will be expected to perform the work in the district offices. This work may include engineering, technical, management, and project support to assist bringing to completion as expeditiously as possible numerous projects. Phase II engineering services may be required for a cost estimator, agreement specialist, pavement design engineer, railroad engineer, area utility technician, and a bridge liaison engineer to support the Bureau in various IDOT projects as well as other functions as assigned necessary to accomplish Phase II services.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

Joint Ventures will not be allowed on this project.

The department will furnish the Consultant with all department procedures, standards and specification, survey information, Project Reports, microfilm and all other available documents.

The estimated construction cost of these projects may range from \$200,000 to \$75,000,000. The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will include an option to renewal by the department for an additional 18 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Pavement Design Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Bridge Liaison Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of cost estimating must have experience preparing and reviewing contract plans.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

10. **Job No. P-91-004-11, US 20 from west of Randall Road to east of Shales Parkway, Phase I Project in Kane and Cook Counties, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2010 at 8:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies for the rehabilitation of approximately 6.5 miles of US 20 from west of Randall Road to east of Shales Parkway. All work for this project will be in English units.

Phase I may include but is not limited to evaluating the geometrics for safety and operational concerns, preparing complete bridge inspections and reports, data collection, preparation of base maps and mosaics, mapping and ground survey, crash analysis, traffic counts and projections, traffic studies, traffic management analysis, drainage studies, cost estimates, and all other work necessary to complete Phase I. Public involvement will be based upon the Department's Context Sensitive Solutions (CSS) Policy. The work will also include all related work necessary to complete a Phase I Project Report anticipated to be a Categorical Exclusion.

The department will furnish the Consultant with available microfilm plans, accident data, utility coordination and correspondence, structural inventory data, and archaeological, historical, biological, and special waste survey, and coordination.

The estimated construction cost of this project is \$40,000,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic/drainage calculations and preparation of the Drainage/Hydraulic Reports (must be an Illinois Licensed Professional Engineer).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Highway: Typical)
Special Studies (Traffic)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

11. **Job No. P-91-003-11, Phase I Studies for Various Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2010 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of various Phase I preliminary engineering and environmental studies throughout the District. The scope of work may include but not be limited to new Phase I studies for intersections, highway segments, bridges, and/or assisting the District in completing on-going Phase I studies and tasks. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, right-of-way data, archaeological, historical, and special waste survey coordination.

The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader & Staff, and report to the Consultant Studies Unit Head. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, Categorical Exclusion Reports, Combined design Reports, Environmental Assessments, bridge inspections and condition reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant may be expected to perform work in the district office as needed. The Consultant may also be required to assist the district in reviewing, overseeing, tracking and prioritizing projects being performed by IDOT personnel and other consultants.

The estimated construction of these projects is anticipated to be in excess of \$100,000,000. The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 36 months.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

The prime firm must be prequalified in the following categories to be considered for this project:

**Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Highway: Typical)**

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in the firm's most recently approved Statement of Experience and Financial Condition or your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

12. **Job No. D-91-298-99, FAP 305 (Willow Road) from east of Des Plaines River to Culligan Parkway, Phase II, Cook County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 28, 2010 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for improvements to Willow Road from east of the Des Plaines River to Culligan Parkway. The Consultant's work is expected to consist of preparing plans, specifications, and estimates for the reconstruction and widening of Willow Road. The Consultant's work may include completing and updating existing design plans partially completed and finish the contract plans for letting. The proposed improvement is expected to include the reconstruction of Sanders Road from Nielsen Avenue to approximately 1000 feet north of Willow Road. It is anticipated that the Equestrian bridge structure over Willow Road will be removed and replaced, to provide for increased vertical clearance. The improvement may provide new lighting, traffic signal modernization with emergency vehicle signal pre-emption equipment, sidewalk reconstruction, barrier wall, and other incidental work required to complete the project. Also, the Consultant will update existing contract plans to current standards, specifications, and estimates for the structures of the westbound and eastbound Ramps over the Des Plaines River. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 016-0272 (WB ramp over Des Plaines River)
- S.N. 016-0273 (EB ramp over Des Plaines River)
- S.N. 016-2768 (Equestrian Bridge over Willow Road)

The department will furnish the Consultant with project report, hydraulic report, location drainage study, pavement design, available microfilm plans, any available data, and existing developed contract plans.

The estimated construction cost for this project is \$17,000,000. The Consultant's work includes preparation of TSL plans, route surveys, geotechnical engineering services, and contract plans. The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement maybe completed by Sub and/or Prime.
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Land Surveyor). Route survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

13. **Job No. D-91-009-11, Various Phase II Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of plans, specifications and cost estimates, for various contracts in District One. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The department will furnish the Consultant with available microfilm plans, Bridge Condition Report, project report, hydraulic report, and other necessary items.

The Consultant will prepare roadway plans, TS&L plans, structure plans, geotechnical borings, investigation & analyses, supplemental surveys, drainage & utility investigation, maintenance of traffic and/or detour route plan, applicable permits, and all other related work to complete Phase II contract plans.

The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 12 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Highway: Typical)

Highway (Roads & Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

14. **Job No. P-91-015-11, Data Bank Management for Various Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 24, 2010 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

A Data Bank Management Consultant (DBMC) is required for field collection and office processing of roadway, structure, jurisdictional confirmation/changes, and traffic monitoring data as outlined in the various Illinois Highway information system (IHIS) manuals. In periods of extraordinary demand for crash data, the DBMC shall assist Data Bank personnel in expediting the timely retrieval and delivery of crash data packages. The IHIS manuals can be found on the IDOT website under the "Doing Business" link. The DBMC will be expected to review and complete Functional Class (FC) requests and that function would be under the direction and supervision of the Program Development Section Chief. With regard to the FC duties, the DBMC would be expected to coordinate with all IDOT, Municipal Councils, and Local Governments to make sure all FC roadway requests are done in a timely manner and provide such other assistance as required. The Consultant must have proficiency in computer technology, database management, Microsoft Office programs and geographical information system (GIS) applications.

The DBMC will be expected to perform work similar to the departments' Data Bank staff and shall report to the Data Bank Manager. The DBMC and staff (three to five people) will be expected to perform work in the District offices and in the field up to five days per week. The work will include working directly with IDOT staff and will require regular data entry and updating of IDOT proprietary applications and databases as well as field data collection, which will include directional data for the first time.

All DBMC personnel must have valid Illinois driver's license. It is required that a minimum of three (3) staffers be made available initially for training and a minimum staff level be maintained at all times thereafter to provide for continuity in the event of later personnel changes by the DBMC. This is to ensure continuity and availability of trained personnel throughout the contract. After the initial training, it shall be the responsibility of the Consultant to provide trained personnel. The measure of acceptable professional services delivered will be the accuracy, completeness, and timeliness of the work performed.

The Consultant's work may include collection, verification, and processing of a wide range of highway related data items.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person(s) who will perform the duties of DBMC, include applicable experience with this type of work.

The prime firm must be prequalified in the **Special Studies (Traffic)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

15. **Job No. C-91-017-11, Phase III Various Projects, Various Routes, Various Counties, Region One/District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 3, 2010 at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout the District. Eight (8) to twelve (12) engineers and/or engineering technicians are anticipated to be required during the 2011 construction seasons. Typical assignments would include but are not limited to general construction inspection, project finalization, and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting, and providing general assistance as a member of a field crew. Survey/layout services may be required. All work for this project may be in either English or metric units.

The Consultants work includes but is not limited to providing staff, cell phones and vehicles for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with contract plans and specifications.

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures. The anticipated construction completion date for this contract is November 30, 2011. The Consultant must complete and submit final measurements, calculations, and final contract record documents to the department no later than six weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Project Manager
- Inspectors (Must have a current IDOT Construction Documentation Certificate)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

16. **Job No. C-91-018-11, Phase III Various Projects, Various Routes, Various Counties, Region One/District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 3, 2010 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist Department resident engineers/technicians on various construction projects throughout the District One area. Eight (8) to twelve (12) engineers and /or engineering technicians are anticipated to be required during the 2011 construction seasons. Typical assignments would include but are not limited to general construction inspection, project finalization, and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. All work for this project may be in either English or metric units.

The department will furnish the Consultant with contract plans and specifications.

The Consultants work includes but is not limited to providing staff, cell phones and vehicles for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures. The anticipated construction completion date for this contract is November 30, 2011. The Consultant must complete and submit final measurements, calculations, and final contract record documents to the department no later than six weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Project Manager
- Inspectors (A current IDOT Construction Documentation Certificate is desired)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

17. **Job No. D-91-007-11, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant the prime will be using are scheduled to attend an initial meeting on **October 27, 2010 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing for various systems located in District One and responding to signal operation complaints. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with manuals, plans, and/or other pertinent available information.

The Consultant's work may include accomplishment of one or more of the following tasks per Work Order for each selected location:

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models, such as SIGNAL, Transyt 7F, Passer II, and Synchro will be run on the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Field observation of signal operations – Identify operational problems, suggest corrective action and provide response to the complaint.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.
- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through past optimization the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle and Econolite.

Statements of interest must also include the Consultants' relevant SCAT projects completed by the firm within the past 5 years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above and a list of projects they have done involving traffic signal coordination and timing, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

18. **Job No. D-91-008-11, Various Traffic Signal Coordination and Timing (SCAT) Projects, Including Monitoring, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 28, 2010 at 9:00 A.M.** at the District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing for various systems located in District One and may include responding to address signal operational complaints. Work is also expected to include monitoring of traffic signal systems. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with manuals, plans, and/or other applicable available information.

The Consultant's work includes accomplishment of one or more of the following tasks per Work Order for each selected location:

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models, such as SIGNAL, Transyt 7F, Passer II, and Synchro will be run on the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Monitoring – Responsibility of monitoring all existing systems and submitting weekly reports detailing problems and errors in the database.
- Field observation of signal operations – Identify operational problems, suggest corrective action and provide response to the complaint.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend, fine-tuning adjustments, and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.
- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through past optimization the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle and Econolite.
- The person(s) who is (are) responsible for managing, operating, and analyzing of traffic signal system monitoring software and providing weekly reports. Individual(s) must demonstrate recent District One experience in traffic signal system monitoring.

Statements of interest must also include the Consultants' relevant SCAT and system monitoring projects completed by the firm within the past 5 years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above and a list of projects they have done involving traffic signal coordination and timing, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

19. **Job No. D-91-021-11, Various Value Engineering Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 25, 2010 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required on approximately 10 to 15 various projects throughout the District. This work shall include Value Engineering Studies submitted in a written report. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Consultant will assemble a multi-disciplined VE project team of approximately 5-7 people. The VE team is to be lead by an Illinois Licensed Professional Engineer with experience in roadway and bridge design and carries the designation as a certified value engineer specialist. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the Investigation and Analysis phases. The Team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. The VE team must also have CADD micro-station capability to develop, analyze and propose modifications within the VE time schedule. "Read-Only" CADD files in Micro-Station format will be made available to the VE team.

The Consultant will be expected to develop the VE work plan for projects assigned by the department. The plan minimum should include step, methodology, criteria, timing, and deliverables.

The department will furnish the Consultant with roadway plans, microfilm of old plans, project reports, traffic data, soils reports, hydraulic reports, location drainage studies, bridge condition reports and other information as available. The VE team leader is to coordinate with the department on specific needs for the particular project to be studied.

The estimated construction cost of these projects may range from \$20,000,000 to \$70,000,000. The Consultant's work includes evaluating, determining and developing the best alternative. The Consultant will present the recommendation to the department along with an implementation plan. The Consultant will be responsible for developing the Value Engineering Report. A step by step record of the VE analysis is required as part of the VE Report. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple VE studies).
- The person who will perform the responsibilities of being the Value Engineering Team Leader (One leader per project). This person must be an Illinois Licensed Professional Engineer and a Certified Value Engineering Specialist.
- Supporting personnel (VE team members) in the following critical areas: highway design, highway planning, environmental, structures, soils, hydraulic and traffic signal design.
- Micro Station/ CADD personnel.

Statements of interest must also include the Consultants' relevant VE projects completed by the members of the Consultant's current key personnel listed above.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

20. **Job No. D-91-012-11, FAP 330/US 12/20/45 (LaGrange Road) at Joliet Road Intersection Reconstruction Project, Phase II, Cook County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 1, 2010 at 8:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the reconstruction of US 12/20/45 (LaGrange Road) at Joliet Road intersection. The proposed improvement is expected to consist of widening and resurfacing to provide two through lanes, dual left turn lanes and a right turn lane in each direction on US 12/20/45 and two through lanes, a left turn lane and a westbound right turn lane on Joliet Road. The improvement may also involve traffic signal modernization, converting the existing mountable median to a barrier median. Also, concrete curb and gutter, lighting, and all other required work needed to complete the project are included. All work for the project will be in English units.

The department will furnish the Consultant with the Project Report, available microfilm plans and other existing data available.

The estimated construction cost for this project is \$4,250,000. The Consultant's work includes supplemental survey, geotechnical studies, and all other works required to complete the improvement of US12/20/45 and Joliet Road intersection. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents must be an Illinois Licensed Professional Engineer.
- The person who will be in charge of route surveys (must be an Illinois Licensed Land Surveyor and/or and Illinois Licensed Professional Engineer). Route Survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

21. **Job No. R-91-017-10, Elgin-O'Hare Expressway, Western Bypass, Land Surveys, Cook / DuPage County, Region One / District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010 at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for Land Surveying services to prepare Land Acquisition documents for various parcels along the proposed Western Bypass of the Elgin-O'Hare Expressway, in Cook and DuPage Counties. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of same. GIS and database work may also be required. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Land Surveyor).

Statements of Interest must include also include the proposed QA/QC plan as to how the firm will review internal work as well as assigned IDOT projects.

The prime firm must be prequalified in the **Special Services (Land Surveys)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

22. **Job No. D-91-005-11, Various Land Surveys, Various Routes, Various Counties, Region One / District One**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 25, 2010 at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for various land surveying projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project must be in English units.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of same. Some GIS and database work might also be required. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Land Surveyor).

Statements of Interest must include also include the proposed QA/QC plan as to how the firm will review internal work as well as assigned IDOT projects.

The prime firm must be prequalified in the **Special Services (Land Surveys)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

23. **Job No. D-91-006-11, Various Land Surveys, Various Routes, Various Counties, Region One / District One**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 25, 2010 at 10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for various land surveying projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of same. Some GIS and database work might also be required. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Land Surveyor).

Statements of Interest must include also include the proposed QA/QC plan as to how the firm will review internal work as well as assigned IDOT projects.

The prime firm must be prequalified in the **Special Services (Land Surveys)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

24. **Job No. P-92-098-10, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010 at 1:30 P.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and/or II engineering services are required for various projects throughout District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting land and route surveys, hydraulic surveys, hydraulic analyses, geometric studies, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analyses, type, size and location (TS&L) drawings, structure plans, and other related work and exhibits necessary to produce the Project Report.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, geometric studies, and preparation of type, size and location (TS&L) drawings, structure plans, roadway plans, and any other related work to complete final plans, special provisions and estimates.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering sources required may consist of only a portion of the total engineering work on a certain project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction cost for this project is \$200,000 to \$4,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. This completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Professional Licensed Surveyor). Route Survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Surveyor). Land Survey prequalification requirement category may be completed by Sub and/or Prime.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Special Studies (Location Drainage)
Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

25. **Job No. P-92-097-10, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 26, 2010 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and/or II engineering services are required for various projects throughout District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting land and route surveys, hydraulic surveys, hydraulic analyses, geometric studies, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analyses, type, size and location (TS&L) drawings, structure plans, and other related work and exhibits necessary to produce the Project Report.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, geometric studies, and preparation of type, size and location (TS&L) drawings, structure plans, roadway plans, and any other related work to complete final plans, special provisions and estimates.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering sources required may consist of only a portion of the total engineering work on a certain project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction cost for this project is \$200,000 to \$4,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. This completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Professional Licensed Surveyor). Route Survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Surveyor). Land Survey prequalification requirement category may be completed by Sub and/or Prime.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Special Studies (Location Drainage)
Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

26. **Job No. C-92-178-10, Various Phase III Projects, Various Routes, Winnebago County, Region Two/ District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 27, 2010 at 1:30 P.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for various projects in Winnebago County, District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The estimated construction costs for these projects are \$12,000,000 to \$48,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer
- The Materials Coordinator

- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Materials QA Technician
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

27. **Job No. C-92-177-10, Various Phase III Projects, Various Routes, Various Counties, Region Two/ District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 27, 2010 at 10:00 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The estimated construction costs for these projects are \$200,000 to \$12,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 30 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer
- The Materials Coordinator

- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Materials QA Technician
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

28. **Job No. P-93-031-10, Phase I and/or II Traffic Engineering for Various Projects, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for the project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010 at 10:00 A.M.** in the Region Two/District Three Office in **Ottawa**.

Phase I and/or Phase II engineering services are required for various traffic engineering studies/tasks on various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The work may consist of traffic management analysis, crash analysis, queuing analysis, studies for intersection design, traffic, safety, trip generation, level of service, and geometrics, traffic signal plans, and any other work necessary to complete a traffic management plan.

The department will furnish the Consultant with any available traffic data, crash statistics, geometrics, construction phasing plans and other information.

It is anticipated this contract will include approximately ten (10) to fifteen (15) different projects with estimated construction costs ranging up to \$50,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Traffic Engineer, that individual in charge of the day to day traffic study projects (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide a summary of the pertinent experience of the firm in managing traffic engineering projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Plans (Traffic Signals)
Special Studies (Traffic)
Special Studies (Safety)

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

29. **Job No. C-93-147-10, I-57/IL 50 (Interchange Reconstruction), Phase III Project, Kankakee County, Region Two, District Three.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 21, 2010 at 10:00 A.M.** at the Region Two, District Three Office in **Ottawa**.

Phase III engineering services are required for the reconstruction of the interchange of I-57 at IL 50 and the replacement of the structures over the Illinois Central Railroad (ICR). Work includes, but is not limited to, construction inspection of the elimination of the existing four-quadrant partial cloverleaf interchange ramps and the installation of four new ramps, revised to a diamond interchange type. I-57 structures over IL 50 and the ICR will be reconstructed for a future six lane divided highway with concrete barrier median. The roadway section of IL 50 within the interchange will be reconstructed to provide three traffic lanes in each direction. All work for this project will be in English units.

The following structures are included:

- S.N. 046-0014 - I-57 (SB) over Illinois 50
- S.N. 046-0015 - I-57 (NB) over Illinois 50
- S.N. 046-0016 - I-57 (SB) over IC Railroad
- S.N. 046-0017 - I-57 (NB) over IC Railroad

The Consultant will perform on-site inspection, provide construction staking/layout when not provided for in the contract plans, verify construction staking/layout, provide on-site geotechnical and material inspection, prepare records, maintain documentation, and any other duties that would require the services of an engineer to complete this project in a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate testing and survey equipment necessary to complete this project. The anticipated construction completion date is August 30, 2013. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after completion of this project.

The Consultant will furnish an assistant Resident Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the department policies for this project.

Key personnel listed on **Exhibit A** for this project must include:

- The Assistant Resident Engineer (minimum 10 years experience as a Resident Engineer desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of Hot Mix Asphalt (CMA), Portland Cement Concrete (PCC) and soils training are required.
- The Inspectors. (One to four individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of Hot Mix Asphalt (CMA), Portland Cement Concrete (PCC) and soils training are required.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including the resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

30. **Job No. C-93-148-10, IL 178 (Utica Realignment), Phase III Project, LaSalle County, Region Two, District Three.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 21, 2010 at 1:00 P.M.** at the Region Two, District Three Office in **Ottawa**.

Phase III engineering services are required for the construction inspection for the realignment/reconstruction of IL 178 through the village of North Utica. Work includes but is not limited to construction inspection of the realignment/reconstruction of IL 178 beginning at the intersection of Lincoln Street, just north of the CSXT at-grade railroad crossing and proceeding southeasterly resulting in new intersections on minor skew angles at Church Street and Canal Street, crossing the I&M Canal on a new structure, then tying back into existing alignment just south of Johnson Street. Widening and resurfacing will be done at each end of the realignment. The east leg extension of Lincoln Street will require a new structure across Clark's Run Creek and will tie into the existing north end of Mill Street. The CSXT Railroad crossing will be reconstructed on new alignment and includes replacement of the existing lights and gates. Work will also include construction of a new storm sewer system between Grove Street and Mill Street along IL 178, minor storm sewer improvements/connections throughout the remainder of the project, and enhancement work, which may include landscaping, ornamental sidewalks, and lighting. All work for this project will be in English units.

The following structures are included:

- S.N. 050-0250 - New Structure - IL 178 over I&M Canal
- S.N. 050-7201 - New Structure - Lincoln Street over Clark Run Creek

The Consultant will perform on-site inspection, provide construction staking/layout when not provided for in the contract plans, verify construction staking/layout, provide on-site geotechnical and material inspection, prepare records, maintain documentation, and any other duties that would require the services of an engineer to complete this project in a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with construction plans and specifications.

The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate testing and survey equipment necessary to complete this project. The anticipated construction completion date is December 31, 2012. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after completion of this project.

The Consultant will furnish an assistant Resident Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the department policies for this project.

Key personnel listed on **Exhibit A** for this project must include:

- The Assistant Resident Engineer (minimum 10 years experience as a Resident Engineer desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of Hot Mix Asphalt (CMA), Portland Cement Concrete (PCC) and soils training are required.
- The Inspectors. (One to four individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of Hot Mix Asphalt (CMA), Portland Cement Concrete (PCC) and soils training are required.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including the resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

31. **Job No. P-93-010-11, Land Surveys and Preparation and Review of Right-of-Way Plans, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010 at 1:00 P.M.** at the District Three Office in **Ottawa**.

Phase I/II engineering services are required for route surveys, land acquisition surveys, the preparation and review of preliminary and final right-of-way plans, premise plats, and legal property descriptions related to land acquisition activities for various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

This project may include research, land surveys, route surveys, premise plats, legal descriptions, monument records and all investigation and documentation required to prepare preliminary and final right-of-way plans. The work may also include reviewing right-of-way documents prepared by others, which will involve reviewing title commitment descriptions, existing right-of-way location, proposed right-of-way location, legal property description content and closures and computation of areas in existing right-of-way, proposed right-of-way, easements, and total holding. A general overall review of the right-of-way documents will be completed for quality, content, and format using guidelines furnished by the department.

The department will furnish the Consultant with any available construction plans, aerial photography, existing right-of-way plats and plans, proposed right-of-way requirements, title commitments and subdivision plats. The Consultant will use this information to prepare and review preliminary and final right-of-way plans, premise plats, and legal property descriptions depicting the proposed additional right-of-way needed for various projects.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Surveys)

Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

32. **Job No. D-94-054-10, Phase I/II Various Structure Projects, Various Counties, Region Three/District Four.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010**, at **10:30 A.M.** at the District Four Office in **Peoria**.

Phase I and/or II engineering services are required for the preparation of Project Reports (anticipated to be Categorical Exclusions) and contract plans for structures throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as needed basis. All work for this project will be in English units.

The Consultant's work is anticipated to include preparing the Bridge Condition and Hydraulic Reports, Structure Geotechnical Reports, all drilling and analysis of soil borings, conducting route and land surveys (including a full Hydraulic Survey), and preparing type, size and location (TS&L) drawings for the replacement structure. This work may include data collection, cost estimates, traffic management analysis, accident analysis, inspection of existing structures to determine staging possibilities, and other related work and exhibits to produce the Project Reports, as necessary. The Consultant will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will include performing drainage studies, preparing bridge and roadway plans, preparing traffic control plans, and any other work necessary to complete final contract plans and documents.

The department will furnish the Consultant with any available plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, structure ratings, and other available information.

The Consultant will perform the hydraulic calculations for Hydraulic Reports using one or both of the computer programs, WSPRO or HEC-RAS.

The completion date for this contract will be 60 months after the authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of structural engineering (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (must be an Illinois Licensed Professional Engineer). The SGR prequalification category may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). The Route Surveying prequalification category may be completed by the Prime and/or Sub.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). The Land Surveying prequalification category may be completed by the Prime and/or Sub.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Structures (Highway: Advanced Typical)
Highways (Roads & Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

33. **Job No. C-94-001-11, Phase III Materials Project Manager, Various Materials Inspections, Various Locations, Various Counties, Region Three/District Four.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires **25% DBE participation**.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2010 at 10:30 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase III engineering services are required for an engineering Project Manager (PM). The Consultant PM will manage/supplement various IDOT Materials processes throughout District Four. This work may involve working directly with contractors, suppliers or a local agency or its consultant firm. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

PM engineering services are required to perform sampling, testing, and documentation of test results of various materials including hot-mix asphalt, Portland cement concrete, aggregates, soils, pipe, precast, and precast/prestressed concrete producers. Additional services and responsibilities include miscellaneous materials inspection at various sources or jobsites.

The Consultant's work is expected to include plant and on-site inspections, sampling, transportation of samples, testing at jobsites and labs, and documentation and data entry of test results. The Consultant will carry out quality assurance duties as defined in the contract documents, Bureau of Materials and Physical Research Policy Memorandums, the Manual for Fabrication of Precast Prestressed Concrete Products, and the Consultant Agreement. The Consultant will maintain records and submit documentation of QC/QA activities as required.

The department will furnish the Consultant with assignments to various construction jobsites, plants, lab facilities, precast and precast/prestressed concrete producers, and various producers and suppliers of miscellaneous materials.

Quality Assurance (QA) oversight and Quality Control (QC) by the same Consultant or one of their sub-consultants on the same project or on material from the same Producer are prohibited. At the negotiations meeting, the prime Consultant, and sub-consultant(s) will disclose all current relationships with Contractors.

The Consultant will also provide vehicles, cell phones, computers, tools of the trade and any other equipment deemed necessary to perform the work. Overnight lodging may be required.

The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume duties as project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer.)

- The person(s) who will be in charge of Lab and Field Testing (Materials Management for Resident Engineers training class is preferred.)
- The QC/QA Level I, II, and III Trained Technicians in accordance with Section 900 of the Project Procedures Guide.
- The Precast Prestressed PCI Level II Technician.
- The Documentation Technician

It is preferred that any personnel intended for use by the Consultant has taken the following classes in the past three years:

- S14 – Documentation of Contract Quantities
- S50 – Construction Materials Inspection Documentation
- Materials Management for Resident Engineers

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services [Quality Assurance (QA HMA & Aggregate)]
Special Services [Quality Assurance (QA PCC & Aggregate)]

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

34. **Job No. P-94-025-10, Various LiDAR and Photogrammetry Projects, Various Routes, Various Counties, Region Three/District Four**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be utilizing are scheduled to attend a Scope of Services meeting on **October 22, 2010 at 10:00 A.M.** at the **IDOT Central Office in Springfield, Illinois**.

The main emphasis of the services required is the collection of Light Detection and Ranging (LiDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) that will be used as base data for regional hydrologic modeling projects and for engineering location studies. The main area of interest will be, but is not limited to, Region Three/ District Four of the Illinois Department of Transportation in the central-west portion of the State of Illinois. LiDAR data captured for this project will need to be of high resolution and quality. Aerial Photography and other photogrammetric services may be required on an as needed basis. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultants work includes providing the following services:

Light Detection and Ranging (LiDAR) – The Consultant shall perform the necessary flying and LiDAR acquisition, processing, terrain modeling, and elevation map preparation for the selected area. The Consultant will be required to collect Light Detection and Ranging data to support the generation of a high resolution Digital Terrain Model (DTM) and two (2) foot contour mapping that will be used as base data for regional hydrologic modeling projects and for engineering location studies. LiDAR data captured for this project will need to be of high resolution and quality.

A. Project Area: The data will be acquired for an area in the west central part of the state, which may include, but is not limited to Fulton, Henderson, Knox, Marshall, McDonough, Mercer, Peoria, Putnam, Stark, Tazewell, Warren, and Woodford Counties.

B. Performance Standards: The underlying performance standards for this project are the Federal Emergency Management Agency's (FEMA's) "Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix A: Guidelines for Aerial Mapping and Surveying" in support of generating accurate two (2) foot contours. This document will be referred to as "FEMA's Appendix A" in the remainder of this document. The most current version of FEMA's Appendix A can be obtained from the following website: (http://www.fema.gov/plan/prevent/fhm/dl_cgs.shtml). Portions of this specification may exceed FEMA's specifications and therefore the more stringent requirements must be met. If a performance standard is not covered in this specification, FEMA's standards govern and must be met.

C. LiDAR Acquisition: The LiDAR acquired by the Consultant for the project shall conform to the specifications set forth in the following paragraphs.

1. LiDAR data shall be captured at a nominal post spacing of no more than one (1m) meter.

2. LiDAR systems shall be capable of collecting multiple discrete returns, minimum of three returns per pulse.
3. The horizontal positions shall be based upon the North American Datum Plane of 1983/2007 (NAD83/07) adjustment as referenced to the Illinois State Plane Coordinate System, West Zone. Units of measurement shall be in United States Survey Feet.
4. The vertical elevation data shall be referenced to the North American Vertical Datum of 1988 (NAVD88) adjustment. Units of measurement shall also be in United States Survey Feet.
5. The vertical Root Mean Square Error (RMSE) of the digital elevation data shall be no more than 18.5 centimeters (7.25 inches) relative to NAVD88; and 12.5 centimeter RMSE in open terrain.
6. The LiDAR data points shall be reported to the nearest hundredth of a foot (0.01').
7. LiDAR shall be acquired under these **special** conditions:
 - During the “leaf-off” season.
 - While no snow is on the ground.
 - While the area between the ground and aircraft is cloud free and fog free.
 - During non-flood conditions, while rivers and streams remain within their channels at/or below their normal levels.
 - Time of day is not of concern.
 - Earth surface data voids due to failure to adequately capture initial data are unacceptable and shall be sufficient reason for rejection of the entire data set.

D. IDOT may provide the following:

1. Tiling scheme layout.
2. Ground control during collection.
 - i. The consultant shall determine points to be occupied
 - ii. IDOT will provide the GPS observations on the agreed upon control points.
 - iii. Consultant flight crew and IDOT will be in close communication for timing of observations.
3. QA/QC shots.
 - i. Each county will be divided into areas based on townships.
 - ii. Each area (township) will have at least one (1) shot (XYZ and picture) for each of the following five (5) categories:
 1. Tall Grass (two (2) locations per area)
 2. Short Grass
 3. Brush (short)
 4. Woods (timber area)
 5. Tall Buildings

- iii. A roadway cross section will be taken at each of the above noted points. The cross section will include a shot at the edge, center and edge of roadway.

E. Deliverables may include but are not limited to:

All Return, First Return, and Last Return elevation data in fully compliant v1.2 or v1.3 LAS format; Bare Earth elevation data as ASCII files in comma-delimited XYZI formatted data; and a county-wide data layer containing 2-foot contours as noted below.

1. All Return, First Return, Last Return and Bare Earth elevation data points shall represent the topographic surface and shall be reported to the nearest hundredth (0.01) foot.
2. Raw Point Cloud
 - i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
 - ii. LAS v1.3 deliverables with waveform data are to use external “auxiliary” files with the extension “.wdp” for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
 - iii. Geo-reference information included in all LAS file headers.
 - iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
 - v. Intensity values (rescaled to 8-bit).
 - vi. Full swaths, all collected points to be delivered.
 - vii. 1 file per swath, 1 swath per file, file size not to exceed 2GB.
3. Classified Point Cloud
 - i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
 - ii. LAS v1.3 deliverables with waveform data are to use external “auxiliary” files with the extension “.wdp” for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
 - iii. Georeference information included in LAS header.
 - iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
 - v. Intensity values (rescaled to 8-bit).
 - vi. Tiled delivery, without overlap (tiling scheme TBD).
 - vii. Classification Scheme (minimum):

<u>Code</u>	<u>Description</u>
1	Processed, but unclassified
2	Bare-earth ground
7	Noise (low or high, manually identified, if needed)
9	Water
10	Ignored Ground (Breakline Proximity)
4. Breakline Data – Breaklines shall be generated from the LiDAR intensity returns for edge of water boundaries, roads, and other pertinent features as defined in FEMA’s Appendix A,

A.4.2.3 and delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling (order of tiles) scheme in Microstation .3d format or a format approved by the Illinois Department of Transportation.

5. Mass Points – Points at cartographic locations, high-low points, toe and crest, saddles, buttes, and street intersections, etc. The data shall be delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling (order of tiles) scheme in Microstation .dgn format or a format approved by the Illinois Department of Transportation.
6. Project Level Metadata – Project level and collection level metadata shall be delivered that fully comply with Federal Geographic Data Committee (FGDC) metadata format standard in XML format and as a .pdf or word document. Metadata shall describe the project, data acquisition methods, system calibration, processing methods, and statistical validation process and results. Project documentation will include control point and flight diagram information from the LiDAR acquisition flight. The metadata may include but is not limited to:
 - iv. Collection Report detailing mission planning and flight logs.
 - v. Survey Report detailing the collection of control and reference points used for calibration and QA/QC.
 - vi. Processing Report detailing calibration, classification, and product generation procedures including methodology used for breakline collection and hydro-flattening.
 - vii. QA/QC Reports (detailing the analysis, accuracy assessment and validation of:
 - The point data (absolute, within swath, and between swath)
 - The bare-earth surface (absolute)
 - Other optional deliverables as appropriate
 - viii. Control and Calibration points: All control and reference points used to calibrate, control, process, and validate the LiDAR point data or any derivative products are to be delivered.
 - ix. Product metadata (FGDC compliant, XML format metadata). One file for each:
 - Project
 - Lift
 - Tiled deliverable product group (classified point data, bare-earth DEMs, breaklines, etc.). Metadata files for individual tiles are not required.
7. Tiles: All tiled deliverables will be 2000' x 2000' tiles according to the tile layout provided. Each tile shall have a minimum overlap of 10 feet beyond the tile boundary. Each tile's name will be derived from the lower left corner coordinates of the boundary and rounded to the even thousand. Example: Lower left corner: 766,000E, 770,000N. Name of tile: 766_770. ***

The Consultants work may include providing the following services:

- Terrestrial and Mobile LiDAR – The consultant may be requested to obtain LiDAR data for projects selected by the Department using a terrestrial and or mobile LiDAR scanner.
- Photography Acquisition – The Consultant may be required to acquire vertical aerial photography of projects selected by the Department. The aerial photography shall be obtained according to the specifications titled "Illinois Department of Transportation.

Specifications for Vertical Aerial Photography”, revised November 1, 1994. The Department requires a copy of the latest Calibration Report from the U.S. Geological Survey for each Consultants camera used on Department projects.

- Topographic Mapping – The Consultant may be requested to prepare topographic mapping using CADD technology, including analytical triangulation. The mapping shall be prepared as per the latest version of the Departments manual titled “CADD Roadway Drafting Reference Guide.”
- Orthophoto Production – The Consultant may be requested to produce digital images, digital mosaics, and orthophotos.

The completion date for this contract will be 24 months after authorization to proceed.

The **Statement of Interest** and **Exhibit A** must include the following:

- The person who will assume the duties of Project Manager for all aspects of the work documents. (Must be a Certified Photogrammetrist).
- The person who will perform the QA/QC review work of all milestone submittals. (Must be a Certified Photogrammetrist).
- A proposal describing in detail how the Consultant will accomplish the LiDAR work, including equipment and software to be used and any work that would be performed by a sub-consultant. This will also include an estimated timeline for acquisition and delivery, and estimated number of control points for acquisition.
- A description of similar LiDAR projects completed by the Consultant within the last five (5) years. Provide the contact information for the person/entity that the work was completed for. The Department reserves the right to contact any of the named persons/entities to determine the performance on the listed project(s).

The prime firm must be prequalified in the **Special Services (Aerial Mapping)** category and possess the in-house capabilities to perform the LiDAR services to be considered for this project.

Statements of interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following web address: SOIPTB@dot.il.gov.

35. Job No. C-95-039-10, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Five.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The Complexity Factor for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010 at 9:00 A.M.** at the Region Three, District Five Office in Paris.

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric Units.

The Consultant will be required to furnish adequate qualified staff as approved by the district to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in performing on site inspections, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, and provide general assistance as member of a field crew.

The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 5. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

The Consultant's personnel will be required to provide a vehicle for their use on construction sites and for traveling between projects, material plants, and weigh scales. The Consultant must also provide their own inspection equipment, testing equipment, layout equipment, cell phones, and any other equipment deemed necessary to complete the work. The duration of time spent at a single location may vary as a function of work assignment needs.

The Consultant's personnel must have a good working knowledge of the department's specifications, the department's Construction Manual, Project Procedures Guide and documentation and inspection procedures.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

This contract is scheduled for the 2011, 2012, and 2013 construction seasons. This contract must be completed by December 31, 2013.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- Materials Coordinator
- The Documentation Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.)
- The Survey Chief
- Construction Inspector (Personnel must have the level of training necessary as outlined in the department's "Project Procedures Guide")

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

36. Job No. C-95-040-10, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Five.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The Complexity Factor for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010 at 10:30 A.M.** at the Region Three, District Five Office in Paris.

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric Units.

The Consultant will be required to furnish adequate qualified staff as approved by the district to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in performing on site inspections, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, and provide general assistance as member of a field crew. The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 5. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

The Consultant's personnel will be required to provide a vehicle for their use on construction sites and for traveling between projects, material plants, and weigh scales. The Consultant must also provide their own inspection equipment, testing equipment, layout equipment, cell phones and any other equipment deemed necessary to complete the work. The duration of time spent at a single location may vary as a function of work assignment needs.

The Consultant's personnel must have a good working knowledge of the department's specifications, the department's Construction Manual, Project Procedures Guide and documentation and inspection procedures.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

This contract is scheduled for the 2011, 2012, and 2013 construction seasons. This contract must be completed by December 31, 2013.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- Materials Coordinator
- The Documentation Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.)
- The Survey Chief
- Construction Inspector (Personnel must have the level of training necessary as outlined in the department's "Project Procedures Guide")

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

37. **Job No. D-96-030-10; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **October 26, 2010, at 1:30 P.M.** in the Region Four, District Six Office in **Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. One of these projects may include (but not limited to), completing a feasibility study on the IL 106 bridge over the Illinois River at Florence to decide to repair, replace, or close/remove with alternative access. No work on these projects is to occur until the work order is assigned.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction costs of each project may range from \$100,000 to \$5,000,000. It is anticipated that this contract will include approximately 5 to 20 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). The Land Surveying prequalification category may be completed by the Prime and/or Sub.
- The person who will be in charge of route surveys (must be an Illinois Licensed Surveyor and/or and Illinois Licensed Professional Engineer). The Route Surveying prequalification category may be completed by the Prime and/or Sub.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Typical)
Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

38. **Job No. D-96-541-02, FAP Route 310 (US 67), from 2.0 miles north of the Morgan/Cass County Line to 3.0 miles east of IL 100, southeast of Meredosia, Phase II Project, Cass & Morgan Counties, Region Four, District Six.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 17% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2010 at 1:30 P.M.** at the Region Four, District Six Office in **Springfield**.

Phase II engineering services are anticipated for route survey (pick-up), land surveys, hydraulic analysis, geometric studies, preparation of TS&L plans, structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates for two construction contracts expected to consist of, one roadway and one landscaping, associated with proposed 9.5 miles of four-lane expressway. All work for this project will be in English units.

The following structures are included in this project:

- SN 069-0514 (NB), SN 069-0515 (SB); US 67 over Coon Run; dual, three-span bridges)
- SN 069-0521; IL 104 over US 67; three-span bridge)
- SN 069-0518 (NB), SN 069-0519 (SB); US 67 over Willow Creek; dual, single-span bridges)
- Other minor structures

The department will furnish the Consultant with available field survey notes, as-built construction plans, existing right-of-way plans, soil boring logs, geotechnical report, and approved project reports.

The estimated construction cost for this project is \$65,000,000. The Consultant's work includes completing plans, specifications, and estimates for these two construction contracts. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge/supervise land surveys (must be an Illinois Licensed Professional Land Surveyor). The Land Surveying prequalification category may be completed by the Prime and/or Sub.
- The person who will be in charge/supervise route surveys (must be an Illinois Licensed Professional Engineer and/or and Illinois Licensed Professional Land Surveyor). The Route Surveying prequalification category may be completed by the Prime and/or Sub.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Typical)

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

39. **Job No. R-98-016-08, FAP 310 (US 67), from DeArcy Creek in Jersey County to Macoupin Creek, Land Surveying, Greene County, Region Five, District Eight.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 26, 2010 at 1:30 P.M.** at the District Eight Office in **Collinsville**.

Professional land surveying services are required to perform land surveys and to prepare the Plats of Highway and legal descriptions for approximately 100 parcels along US 67, from DeArcy Creek in Jersey County to Macoupin Creek in Greene County. The Consultant's work is expected to include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, land surveying to locate approximately 70 section and quarter section corners, record research at the county recorder's offices and other agencies, preparation of statutory Plat of Highways and legal descriptions for proposed acquisition parcels, preparation of a freeway order, preparation and recording of monument records and staking the proposed right of way. All work for this project will be in English units.

The department will provide alignment data, title commitments, existing right of way information, former construction plans, subdivision plats, and proposed right of way requirements for the project.

The estimated construction cost for this project is \$50,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will be in charge/supervise land surveys (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will be in charge/supervise route surveys (must be an Illinois Licensed Professional Engineer and/or and Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Land Surveyor)

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Survey)
Special Services (Route Survey)

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

40. **Job No. C-98-136-10 IL 3 over the UPRR in Dupo, Construction Inspection, St. Clair County, Region Five, District Eight**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This Project requires 10% DBE participation

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 28, 2010 at 10:00 a.m.** at the Region Five, District Eight Office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, material testing, record maintenance and construction layout. This work is anticipated to consist of constructing a new bridge, and resurfacing of approach pavement. All work for this project will be in English units.

The Consultant is expected to perform on-site inspection and provide construction layout as directed by the engineer. The Consultant will also maintain records and documentation and perform any other duties as directed by the engineer to complete this project on a timely basis.

The Consultant's work force shall be adequate to allow completion of this project in a timely manner. The Consultant may be required to furnish all of the construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, and perform other duties as directed by the engineer.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultants(s) will disclose all current relationships with contractors.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff. The Consultant is expected to provide staff to work directly with the IDOT Resident Engineer and to provide any additional staff to supplement the department's staff.

The department will furnish the Consultant with the construction plans and specifications.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region 5/District Eight for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of the project as required. The project is scheduled for construction during the 2011 and 2012 construction seasons. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Engineering Technician
- Materials Coordinator(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- Proportioning Technician(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**) The Materials QA Technician
- The Survey Chief
- Nuclear density inspectors are to include evidence of appropriate QC/QA density training and nuclear license.

The prime firm must be prequalified in **Special Services (Construction Inspection)** to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

41. **Job No. P-98-078-10/D-98-078-10, Phase I/II Various Projects, Including Value Engineering, Various Routes, Various Counties, Region Five/District Eight.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 25, 2010 at 10:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required, including Value Engineering services, for various projects in District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting initial project reviews for recommendations of improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, drainage studies, hydraulic analyses, geotechnical studies, preparing Bridge Condition Reports, and preparing Project Reports. This work may include data collection, development of alignment alternatives, intersection design studies, design of preliminary geometry, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

Value Engineering (VE) services, if required, shall include VE Studies submitted in a written report. The Consultant will assemble a multi-disciplined VE project team of approximately 5-7 people. The VE team is to be led by an Illinois Licensed Professional Engineer, with experience in roadway and bridge design and in leading VE teams. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the investigation and analysis phases. The VE team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. The VE team must also have CADD micro-station capability to develop, analyze, and propose modifications within the VE time schedule. "Read-Only" CADD files in Micro-Station format will be made available to the VE team.

The Consultant will be expected to develop the VE work plan for projects assigned by the department. As a minimum, the plan shall include steps, methodology, criteria, timing, and deliverables.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, existing right-of-way plans, crash statistics, agency coordination, aerial photos, boring logs, existing Bridge Condition and Hydraulic Reports, and any other available

information. The VE team leader is to coordinate with the department on specific needs for the particular project to be studied.

The estimated construction cost of these projects may range from \$500,000 to in excess of \$20,000,000 for VE projects. The Consultant's work may include either a complete project or a portion of the total engineering necessary for a certain project's completion. The VE Consultant will be responsible for developing the Value Engineering Report. A step by step record of the VE analysis is required as part of the VE Report. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all Phase I/Phase II aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Manager for all Phase I/Phase II aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Manager for all aspects of the work documents for Value Engineering (must be experienced in handling multiple VE studies, and must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the Phase I and/or Phase II deliverables (must be an Illinois Licensed Professional Engineer).
- The person or people who will perform the responsibilities of being the Value Engineering Team Leader (One leader per project). This person must be an Illinois Licensed Professional Engineer. In addition, the supporting Value Engineering Team members must be identified.
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor)
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also include any of the Consultant's relevant/applicable Value Engineering projects completed by the firm for IDOT within the past four years by members of the Consultant's current key personnel staff as listed above. Value Engineering work may be performed by Prime and/or Sub.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)
Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

42. **Job No. P-98-004-11/D-98-004-11, Phase I and/or II work for Various Projects, Various Counties, Region 5/District Eight.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 25, 2010 at 10:30 A.M.** at **the Region 5/District Eight Office in Collinsville.**

Phase I and/or II engineering services are required for various projects in District Eight. Work orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analyses, geometric studies, preparing TS&L plans, preparing Bridge Condition Reports and preparing Project Reports (Categorical Exclusion projects only). This work will include data collection, cost estimates, traffic management analysis, accident analysis, infrared testing of bridge decks, Bridge Condition Reports and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of bridge repair, bridge rehabilitation, and bridge replacement and resurfacing type projects, including interstate resurfacing.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs and other information deemed applicable to the Consultant's work.

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated one or more persons from the Consultant may be required to conduct his/her work in the District 8 office 3-5 days per week.

The Consultant's work may also include QC/QA plan reviews of pre-final contract plans, developed by others, with an emphasis on constructability.

The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 36 months.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of land and route surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer).
- The person who will perform the Computer Aided Drafting must have 3-5 years experience using Microstation and Geopak in a Civil Drafting environment, proficient in evaluating and editing tin models and a working knowledge of Excel and Word.
- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resume must indicate a background that has adequate plan review experience with an emphasis on constructability).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Advanced Typical)
Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

43. Job No. P-98-005-11, Various Survey Projects, Various Routes, Various Counties, Region 5, District Eight.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **November 12, 2010 at 10:00 A.M.** at the District Eight Office in **Collinsville**.

Professional surveying services are required to perform route, land, and hydraulic surveys throughout the District. The Consultant's work may include land surveying to establish the existing centerline alignment for projects, land surveying to measure and record all topographic features along specific routes, land surveying to create three dimensional models for highway design projects, and land surveying to locate right of way, record research, preparation of and recording of monument records. The Consultant's work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant's work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant shall be required to process their field data and submit their data in an electronic format while adhering to all IDOT's standards. The Consultant shall be required to use IDOT's Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will provide alignment information and horizontal and vertical control (if applicable), existing microfilm information and general survey requirements for each project.

It is anticipated that this contract will include approximately 10 to 20 surveys. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

44. Job No. D-98-112-10, Various Subsurface Utility Engineering Projects, Various Routes, Various Counties, Region Five, District Eight.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **October 26, 2010 at 10:30 A.M.** at the District Eight Office in **Collinsville**.

Engineering services for subsurface utility engineering are required on various projects throughout the District. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days. All work for this project will be in English units.

This project includes providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility companies' records, which have facilities in the area, and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed to horizontally locate above ground utility features, including but not limited to poles, manholes, valve boxes, meters, utility designation markings, etc. The Consultant shall also determine the existence and approximate horizontal position of underground utilities through the application of appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actually physically locating them (exposing and surveying) at designated spots with the use of special boring/excavating equipment insured not to damage existing utilities (QL A data).

The department will furnish the Consultant with any available as-built plans and/or microfilm plans, survey field notes, alignment data, cross ties, design CADD files, or benchmarks.

The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 36 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple subsurface utility engineering projects in urban environments).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land Surveying may be completed by prime or subconsultant).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). Route Surveying may be completed by prime or subconsultant).
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also include satisfactory experience in the activities required for this work by the firm and its' employees.

The prime firm must be prequalified in the **Special Services (Subsurface Utility Engineering)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

45. **Job No. R-99-011-10, Various Land and/or Route Surveys, Various Routes, Various Counties, Region Five, District Nine**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 21, 2010** at **10:00 A.M.** at the Region Five, District Nine office in **Carbondale**.

Land and route surveying services are required under a blanket agreement to furnish land and route surveying, including assistance for surveys, in areas such as right-of-way staking, land surveying, topo and cross sections for highway projects, hydraulic surveys, plats & plans, legal descriptions, monument records, and other survey related work. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Local land surveyor project input is to be expected in obtaining historic survey reference data.

The department will provide the Consultant with alignment data, vertical data, title reports, existing right-of-way plans and proposed right-of-way requirements, (when available) as each work order is negotiated. The cost and completion dates for the work requirements will be negotiated by the department for each project prior to giving authorization to proceed under a work order.

The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will be in charge/supervise land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge/supervise route surveys (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QA/QC review work of all milestone submittal documents must be an Illinois Licensed Land Surveyor and/or Illinois Licensed Professional Engineer.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

46. **Job No. P-99-006-10, Phase I and/or Phase II work for Various Projects, Various Routes, Various Counties , Region 5/District Nine**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 25, 2010 at 10:00 a.m.** at the Region Five/District Nine office in **Carbondale**.

Phase I and II engineering services are required for the preparation of Bridge Condition Reports, Hydraulic Reports, TS&L's and Project Reports and the preparation of preliminary and final contract plans for the replacement, rehabilitation, or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English Units.

The Consultant's work will include data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, type, size and location drawings, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports. Phase II work will include preparation of prefinal and final construction plans.

The department will furnish traffic data, accident statistics, existing right-of-way plans, foundation borings where required, available as-built construction plans, one benchmark at each existing structure and a staked centerline of existing roadway.

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated that this contract will consist of work on approximately 8 to 12 structures.

The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land Survey prequalification category requirement may be completed by the Prime and/or Sub.
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). Route Survey prequalification category requirement may be completed by the Prime and/or Sub.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Structures (Highway: Typical)
Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

47. **Job No. D-30-003-11, Statewide Structural Engineering Services, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010, at 11:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering, geotechnical/foundation, and hydraulic services are required by the Bureau of Bridges and Structures. Projects are anticipated to include NBIS and Element Level Inspections and training, Damage Inspections, plan preparation for the repair, rehabilitation, or replacement of structures, Load capacity rating of existing and/or new structures, drafting services and possible field investigations. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months

Key personnel listed on **Exhibit A** for this project must include:

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (SGR) prequalification category may be completed by the Prime and/or Sub.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).
- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical pre-qualification category requirement may be completed by the Prime and/or Sub.
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

The prime firm must be prequalified in the **Structures (Highway: Advanced Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

48. **Job No. D-30-004-11, Statewide Structural Engineering Services, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 22, 2010, at 10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Primary projects are anticipated to include NBIS and Element Level Inspections. Limited projects will include Damage Inspections. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. In addition, various structural engineering, geotechnical/foundation, and hydraulic services may be required by the Bureau of Bridges and Structures. Anticipated projects may include plan preparation for the repair, rehabilitation, or replacement of structures, load capacity rating of existing and/or new structures, drafting services and possible field investigations. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (SGR) prequalification category may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience)
- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical pre-qualification category requirement may be completed by the Prime and/or Sub.

The prime firm must be prequalified in the **Structures (Highway: Advanced Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

49. **Job No. D-30-005-11, Engineering Services for the Underwater Diving Investigation of Bridges, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

For **DLM** the **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **October 21, 2010 at 10:00 A.M.** at the Central Bureau of Bridges and Structures in **Springfield**.

Underwater diving inspection services are required for investigating bridge substructure units and other structures in the water. At the direction of the department, the Consultant may be required to perform acoustic imaging services in lieu of part of the diving. The imaging will utilize a mesotech unit (Kongsberg 1071-Series High Resolution Sonar Unit or equivalent) to provide visual images of the substructure units. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work shall include furnishing all labor, materials, and equipment necessary for the anticipated following tasks:

- Visual and tactile inspection of 100 percent of underwater structures (level 1)
- Providing measurements of pitting and damage not to exceed 10 percent of each underwater structure
- Providing measurements of scour, water depth around piers, and cross sections of the streambed
- Providing complete reports with topside photographs, diagrams and underwater photographs necessary to adequately describe conditions and deficiencies found.

The reports will include a scope of work, description of structure, method of investigation, existing site conditions, structure condition with elevations showing damage and streambed elevations, stream bed probing information at each pier, streambed elevation grid 50' out from each pier, streambed cross sections at both fascias and at 100' upstream and downstream, NBIS underwater inspection rating and anything else as requested by the Bureau of Bridges and Structures. The reports shall be signed and sealed by an Illinois Licensed Structural Engineer.

Plans for the structures are available from the department.

The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 12 months.

Key personnel listed on **Exhibit A** for this project must include:

- An Illinois Licensed Structural Engineer on staff who will supervise the inspection by certified divers and be approved as an inspection Team Leader by the Bureau of Bridges and Structures as required by the NBIS, CFR23.
- The persons performing the diving will be certified divers and be qualified bridge inspectors in accordance with the National Bridge Inspection Standards and have passed the 80 hour class NBIS Safety Inspection of In-Service Bridges.
- All staff that will be performing each part of the job, including:
 - field work,
 - diving,
 - report writing and
 - QA/QC.
- All resumes should include a brief description of previous projects completed by each staff member.

Statements of Interest must include the following:

- Firm's experience with this type of work.
- Firm's technique for completion of this type of work.

Statements of Interest, including resumes of key people, must be **received** by the Bureau of Design and Environment prior to **12:00 P.M.**, Central Time, **August 26, 2010**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov .

If e-mailing, please contact Carrie Kowalski (Carrie.Kowalski@illinois.gov) for your firm code.

Or, send two (2) hard copies to:
Illinois Department of Transportation
Attn: Ms. Janet Pisani
Bureau of Design and Environment
Consultant Unit – Room 330
2300 South Dirksen Parkway
Springfield, IL 62764

50. **Job No. D-30-006-11, Various Lighting Projects, Various Routes, Various Counties, Bureau of Design and Environment.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for the project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 12, 2011 at 10:00 A.M.** in the Harry R. Hanley Building, Bureau of Design and Environment in **Springfield**.

Phase II engineering services are required for various lighting projects throughout the State. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase II work may consist of engineering design for roadway lighting, electrical installations, dewatering pump station upgrades, and other electrical and lighting facilities. Work may also include the review of plan, special provisions, and contract documents, which relate to electrical, lighting, and pump station work as well as the analysis of field problems, site visits, and nighttime inspections.

The Consultant will be expected to perform work similar to the Electrical Unit Chief and Staff. Key staff from the Consultant may be expected to work at the Harry R. Hanley Building in the Bureau of Design and Environment several days a week.

Lighting oversight and lighting design by the same Consultant or one of their subconsultants on the same project are prohibited.

Joint Ventures will not be allowed on this project.

The department will furnish the Consultant with any plans and contract documents necessary to complete the work. The Consultant is responsible to furnish their own design documents including all lighting and electrical design guides and all electronically available IDOT specifications and policy documents.

The engineering services required may consist of only a portion of the total engineering work on a certain project.

The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 18 months.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be a graduate Electrical Engineer and/or an Illinois Licensed Professional Engineer with adequate roadway

lighting experience work and sufficient technical ability). In addition, the staff performing this work must be identified.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer with adequate lighting plan review experience).

The prime firm must be prequalified in the **Special Plans (Lighting)** category to be considered for this project.

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:

SOIPTB@dot.il.gov

51. **Job No. P-30-004-11, Photogrammetry Contract for the Southern Area of Illinois, Bureau of Design and Environment.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 27, 2010 at 10:00 A.M.** at the Harry R. Hanley Building, Bureau of Design and Environment, in **Springfield**.

The main emphasis of the services required is obtaining aerial photography for the southern area of Illinois. Other photogrammetry services may be required on an as needed basis. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work is anticipated to include providing the following services:

- Photography Acquisition – The Consultant will be required to acquire vertical aerial photography of projects selected by the department. The aerial photography shall be obtained according to the specifications titled "Illinois Department of Transportation Specifications for Vertical Aerial Photography" revised November 1, 1994. The department requires a copy of the latest Calibration Report from the U.S. Geological Survey for each Consultant's camera used on department projects.

Other photogrammetric services, which may be requested:

- Topographic Mapping – The Consultant may be requested to prepare topographic mapping using CADD technology, including analytical triangulation. The mapping shall be prepared as per the latest version of the department's manual titled "CADD Roadway Drafting Reference Guide."
- Orthophoto Production – The Consultant may be requested to produce digital images, digital mosaics, and orthophotos.
- Light Detection and Ranging (LIDAR) – The consultant may be requested to collect Light Detection and Ranging (LIDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) and contour mapping.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project manager for all aspects of the work.
- The person who will perform the QC/QA review work of all milestone submittals.

The prime firm must be prequalified in the **Special Services (Aerial Mapping)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

52. **Job No. P-30-005-11 Various Statewide Waste Assessment Investigations, Studies, and Designs, Bureau of Design and Environment.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 29, 2010 at 1:30 P.M.** at the Central Office Bureau of Design and Environment (BDE) in Springfield.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys; and determines if the property has Recognized Environmental Conditions (RECs), de minimis conditions, or no RECs. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

Based on PESA results, districts work with the Environment Section of the Bureau of Design and Environment (BDE) to decide whether additional analyses or other remediation actions are necessary.

The department will furnish the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility.

Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are identical to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A variety of sites may be investigated (i.e., old, abandoned, or improperly closed landfills, chemical manufacturing sites, metal plating/fabricating sites, dry cleaning/service stations, storage tank sites and buildings and structures, containing potential contamination).

Also, provisions for laboratory and field testing including geophysical surveys when needed will be required for a wide variety of regulated substances including but not limited to: soil and water quality parameters including contaminants i.e., PCB's, pesticides, heavy metals, organics and radioactive wastes.

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether regulated substances are present. Evaluation, summarization, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

PROPOSED SCOPE OF WORK SUMMARIES FOR THE VARIOUS TYPES OF INVESTIGATIONS REQUIRED:

POTENTIAL WASTE SITES AND UST-LUST SITES

Engineering services are required to perform PSI's and on occasion, DSI's (RI/FS's), remedial design, which may include UST removal, and construction oversight of sites suspected to contain regulated substances, UST-LUST's and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

Preliminary site investigations include items of work such as work plans, health and safety plans, surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant.

MISCELLANEOUS SURVEYS AND TESTING

Engineering services to perform environmental surveys and/or testing on an as-needed basis will include assignments such as conducting surveys and testing of stored materials, tank contents, containers, and environmental media (e.g., surface water, soil, air, and groundwater). The work may also include assignments such as reviewing and evaluating existing property-specific information, providing technical expertise on an as-needed basis, corrective actions in order to achieve "No Further Remediation" clearance, and other ad hoc environmental-related tasks within the scope of services normally provided by a hazardous waste consultant.

EMERGENCY RESPONSE OVERSIGHT

Engineering services are required to perform emergency response oversight. Oversight shall include but not be limited to review of health and safety plans, drilling, sampling, chemical analysis, waste classification, reporting, and coordinating the release with the proper authorities (IEPA, IEMA, U.S. EPA, Corps of Engineers, or other State or Federal Agencies). Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

ENVIRONMENTAL PLANS FOR OPERATIONS FACILITIES

Engineering services maybe required to review current operational facilities on current practices that impact the environment, investigate past practices, and make recommendations for mitigation and improvements. Assist with the development of an environmental management system which will provide a framework for practices, procedures, and processes to manage the Bureau of Operations' Environmental Program.

EXTRANET

To help in the Department facilitate in the review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and

to provide any technical assistant necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

As a task is identified, the Department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request.

When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days, conduct field work within 10 working days after authority to proceed, draft report within 3 months after the authority to proceed, and final report two (2) weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond in four hours.

CONFIDENTIALITY:

(1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.

(2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity with an interest adverse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.

(3) It is specifically understood that if you are later designated a testifying expert, all documents that you create may become discoverable, including drafts and notes prepared prior to the time that your opinion or report is finalized.

"Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: 'THIS IS A

PRELIMINARY DRAFT. IT HAS BEEN PREPARED BASED ON PRELIMINARY INFORMATION AND ASSUMPTIONS. NO ONE MAY RELY ON THIS DRAFT. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'; (iv) all notebooks or individual pages of notes will bear the following legend: 'THESE NOTES ARE INCOMPLETE AND HAVE BEEN PREPARED FOR PERSONAL USE ONLY. NO ONE MAY RELY ON THEM FOR ANY PURPOSES. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'.

The completion date for this contract (excluding emergency response oversight) will be 14 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 14 months.

Statements of Interest must include the following:

1. The location of the office from which the majority of work on this project will be performed.
2. An organization chart showing the Administrative/Managerial Staff of the office and a flow chart of key Technical/Professional Staff, including field and risk assessment staff that will be assigned to this project. Similarly, information of subconsultants' location/organization should be provided.
3. The name of the laboratory that will be used for this project. (The selected firm must have the capability of using either in-house or subcontracted laboratory facilities, which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.)
4. A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractors).
5. A description of your mobilization plan to be used upon notification that a work order has been authorized.
6. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

For additional information concerning the project, please contact Steve Gobelman at (217) 785-4246.

The prime firm must be prequalified in **Special Services (Hazardous Waste)** and be familiar with IDOT contracts to be considered for this project. In addition, the Statement of Interest must include that the firm complies with the following:

1. Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.
2. Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

NOTICE

State Board of Elections Certificate

EFFECTIVE May-1-10

The document, Registration with State Board of Elections (BDE 2800), is **NOT** required to be a part of the Statement of Interest submittal.

The State Board of Elections Certificate is now required as part of the firm's Statement of Experience and Financial Condition submittal.

SEFC is located at <http://www.dot.il.gov/desenv/pregcons.html>

To register with State Board of Elections go to
<http://www.elections.state.il.us/Default.aspx>

And then to Business Registration:

<http://www.elections.state.il.us/BusinessRegistration/Welcome.aspx?Selected=Business%20Registration>

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

IDOT is encouraging the use of this check sheet. We continue to receive submittals with errors. With the apparent lack of quality control in the Statement of Interest submittals, we are providing a check sheet for your use. Do not submit this document; it is intended as tool to help in your quality control process. Do not send.

☐ Downloaded and used most current forms <http://www.dot.il.gov/desenv/deform.html>

Statements of Interest for each item must be submitted as an adobe.pdf and labeled as described in the e-mail instructions. Use your SOI CODE that's provided at the top of your SEFC prequalification sheet. This sheet is provided with your firm's prequalification letter sent out on an annual basis.

IDOT has frequently asked questions for submitting SOI's available in the PTB and at <http://www.dot.il.gov/desenv/FAQ.html>

☐ Followed the e-mail instructions for submitting
<http://www.dot.il.gov/desenv/ptb/ptbemailinstructions.pdf>

Statements of Interest for each item must contain the following and be **received** between the time of Publish Date and the SOI due date, at 12:00 p.m. (Note: Sending before 12:00 p.m. does not guarantee that we receive before noon.)

☐ All requested data in advertisement is included (list specific items requested in advertisement).

Reviewed advertisement and included:

☐ **Exhibit A (BDE XHBT-A)** (required with every SOI)

☐ Correct PTB & Item Number (one specific to each PTB/ITEM)

☐ City, phone, e-mail provided

☐ Signed and dated

☐ Key personnel completed (personnel resumes attached)

☐ Subconsultant information, Firm name, category of work being performed, and DBE noted (if applicable) (If a DBE goal is listed, the firm(s) the prime will be using to meet this goal are shown at this location).

☐ Mentor Protégé information included, Firm Name that is the protégé and the category of work they will be doing.

☐ **Exhibit B (BDE XHBT-B)** (when applicable)

☐ The first portion (items 1 to 3) is required when Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction categories in the **Location/Design Study** Work Category are requested in the advertisement.

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

Exhibit B (BDE XHBT-B) (continued)

- ☐ The second portion **Environmental Work** is to be completed when Environmental Assessment or Environmental Impact Statements categories are requested in the advertisement.

Staffing for disciplines listed below, matches staffing on Prequalified Environmental Staff document sent to your firm from IDOT.

- ☐ Environmental Lead
- ☐ Noise
- ☐ Water Quality
- Ecology Wetlands & Associated Aquatic Resources
- Biological Resources (other than Wetlands)
- ☐ Community Impacts
- ☐ Public Involvement
- ☐ Technical Writing

If submitting for one or ten items, each of these documents is required to be submitted as a separate adobe.pdf file for each Professional Transportation Bulletin (one for each PTB)

- Current Obligations (BDE CUR-OB) (Prime)
 - ☐ Firm name
 - ☐ Correct PTB #
 - ☐ Item #'s listed match Items being submitted
 - ☐ Dollar amounts are the most current (if selected on Previous PTB include estimated \$'s)
 - ☐ Phase III (construction Inspection work \$'s are completed)
- Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure (BDE DISC 2 Template)(Consultants))(Prime)

Page 1 Completed:

- ☐ PTB #
- ☐ Firm Name

Form A Completed:

- ☐ Firm Name
- ☐ Address, Phone, E-mail, & Fax

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

Form A continued

Individual Information Completed when applicable:

- ☐ Name
- ☐ Address
- ☐ Conflicts/Communications/Debarment

Applicable or Not Applicable Statements

- ☐ Signed
- ☐ Dated correctly

Form B Completed:

- ☐ Firm Name
- ☐ Address, Phone, E-mail, & Fax
- ☐ Dated correctly
- ☐ Signed

- **Disclosure of Business Operations in Iran (BDE 2900) (Prime)**

- ☐ Correct PTB #
- ☐ Item #'s listed match Items being submitted
- ☐ Firm Name
- ☐ Signed
- ☐ Dated correctly

- **Delinquent Debt Certification (BDE 3000) (Prime & Subconsultants)**

- **(this is one adobe file with the prime and sub, do not submit multiple files)**

- ☐ Correct PTB #
- ☐ Item #'s listed match Items being submitted
- ☐ Firm Name
- ☐ Dated correctly
- ☐ Signed
- ☐ Subconsultants listed are correct and listed items are correct
- ☐ Subconsultant's delinquent debt included
- ☐ One Adobe file created that contains prime and subs debt certification

NOTICE
Description and Minimum Requirements for
Statement of Experience and Financial Condition
Quality Assurance Category
EFFECTIVE 3-1-10

The Quality Assurance category has been revised in the Description and Minimum Requirements. Per the Quality Assurance Note in the Statement of Experience and Financial Condition Questionnaire, "PCC Level III will be required for all Project Managers as of 3/1/2010."

The PCC level III class is required to become prequalified and to remain prequalified in the QA PCC and Aggregate prequalification category.

The Description and Minimum Requirements is available at
<http://www.dot.il.gov/desenv/preqcons.html>

Notice of Consultant Engineering Mentor Protégé Program

**Effective December 23, 2009
Revised 02-04-10**

Firms wishing to participate in the Mentor Protégé program should indicate in their Statement of Interest e-mail the Item number(s) they are planning on participating.

For Example in the body of the E-mail message include “Firm ABC is interested in participating in the Mentor Protégé Program on items 2, 5 and 10.”

Also, the Exhibit A has been modified to include Mentor Protégé data. The Exhibit A document is available on the website at <http://www.dot.il.gov/desenv/deform.html>

Guidelines, implementation, and a sample development plan are available on our website at <http://www.dot.il.gov/consultmentor.html>

Notice for Consultant Subscription Service **Effective July 1, 2009**

IDOT has revised the process for distribution of information to engineering consultants. We now have a subscription service that allows the firms to add or delete, at their discretion, the staff that receives information on consultant engineering issues.

If you are currently receiving e-mails, i.e. The Press Release, notification of the PTB being published, etc., you are already a subscriber to the list. There is no need to subscribe again. You do have the option of deleting yourself from the list. See below.

<http://www.dot.il.gov/desenv/ptbsubsc.html> takes you to the subscription service website. The following is taken directly from the listed site:

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for these items will be automatically e-mailed to the subscriber upon release.

Instructions to Subscribe

Please Note:

*By subscribing to the IDOT-PTB list, you will receive both the
Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin*

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address and with the information as noted below:

1. Address the e-mail message to: listserv@lists.dot.il.gov
2. Type the letters 'sub', a space and then the subscription listname in the **body of the message**.
Please Note: There are no spaces in the listname.
Example: **sub IDOT-PTB**
(Do Not Include Any Other Text)
3. Send the message.
4. A confirmation e-mail will be sent to you.
5. Click on the reply button and type OK in the body of the message and send the message back to IDOT.
6. Once the Department receives the OK, you will be added to the subscription list.
7. You will then receive a confirmation e-mail stating that you have been added to the list and automatically receive the publications and reports for which you have subscribed when they are published.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address and with the information as noted below:

1. Address the e-mail message to: listserv@lists.dot.il.gov
2. Type the letters 'signoff', a space and then the subscription listname in the **body of the message**. Please Note: There are no spaces in the listname. Example: signoff IDOT-PTB (Do Not Include Any Other Text)
3. Send the message.
4. A confirmation e-mail will be sent to you removing you from the subscription list.

Frequently Asked Questions for Submitting Statements of Interest for Professional Transportation Bulletin

8-01-10

The frequently asked questions are available at <http://www.dot.il.gov/desenv/FAQ.html>
Professional Transportation Bulletin is available at <http://www.dot.il.gov/desenv/ptb.html>
To become a prequalified consultant go to <http://www.dot.il.gov/desenv/pregcons.html>

1. **Question:** Where do I submit my electronic Statement of Interest?

Answer: As stated in each advertisement and in the E-mail Instructions all submittals go to SOIPTB@dot.il.gov

2. **Question:** When do I submit my electronic Statement of Interest (SOI)?

Answer: The Statement of Interest due date and time are listed on the front cover of the PTB. If it is not **received** by 12:00 p.m. on the due date it will not be considered, that includes partial submittals. A complete submittal must be received before 12:00 p.m., which includes all required forms. If the SOI item is received at 11:59 a.m. and the forms are received in a separate e-mail at 12:01 p.m., your firm will not be considered for the PTB. Firms have 3 weeks to submit Statements of Interest, and we accept Statements of Interest from publish date to 12:00 p.m. on the due date.

3. **Question:** Where are the latest forms?


Answer: In the Professional Transportation Bulletin there is a bookmark titled Forms, which links to the website. There is also a link in the Guidelines, and a link in the E-mail Instructions. <http://www.dot.il.gov/desenv/deform.html>

4. **Question:** Why do I have to keep the footer with document name and why use the latest form?

Answer: IDOT is ISO certified. When IDOT is audited, The ISO Auditors ask, "How do you know the correct form is being used?" The footer with the document name and revision are the proof required.

5. **Question:** The footer disappears when I insert the Exhibit A/B file. How do I keep the footer?

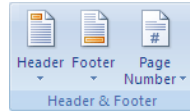
Answer: There are two options

- If you are using Microsoft Word 2003, you need to insert a section break. Per Word help, "To create a different header or footer for a section, you need to break the connection between the sections. Click in the section for which you want to create a different header or footer. On the **Header and Footer** toolbar, click **Link to Previous**  to break the connection between the header and footer in the current section and the previous one."
- If you are using Microsoft Word 2007, Starting at the beginning of the document, click in the first section for which you want to vary the


Frequently Asked Questions for Submitting Statements of Interest for Professional Transportation Bulletin

8-01-10

header or footer. On the **Insert** tab, in the **Header & Footer** group, click **Header** or **Footer**.



Click **Edit Header** or **Edit Footer**.

On the **Headers & Footers** tab, in the **Navigation** group, click **Link to Previous**  to break the connection between the header or footer in this section and the previous section.

OR

- Complete the word file, convert to adobe, and then insert the file in to your already converted PDF Statement of Interest.

6. **Question:** Does the Prime have to be prequalified in the requested categories in the advertisement or can we sub that work out?

Answer: Yes, the prime is required to have the prequalification. It states in the guidelines:
The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement.

Also, in every advertisement it states:

“The prime firm must be prequalified in the following categories to be considered for this project”: This means the prime is required to be prequalified in the listed categories.

7. **Question:** In the advertisements it sometimes states:
The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by Sub and/or Prime)
The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor). Route Surveys prequalification category requirement may be completed by Sub and/or Prime)
The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services,

Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10

Structure Reports Geotechnical (SGR) prequalification category requirement may be completed by Sub and/or Prime.

How do we address this in our submittal?

Answer: In these instances, if the prime is prequalified they may use their staff. If the prime is prequalified or if not prequalified for those categories, a subconsultant that is prequalified in the requested category may be used.

For example in the **Exhibit A** if using a sub, fill out as shown
Other Required Key Staff:

Name Required Prequalification Category :	
Land Surveying	
*Name	John Doe @ ABC Engineering
Category	PLS (PE, SE, LS)
Registration #	035-123456
Year Registered	1998 State IL
Office Location:	
City	Chicago State IL

8. **Question:** The advertisement has a DBE Goal. Where & how do we address in our Statement of Interest?

Answer: In the **Exhibit A** on page 3 of 3, there is the following statement:
"List Subconsultant(s) and the item(s) of work that they will perform." This is where the firm lists all subs including DBE's. Example: ABC Engineering, DBE, will perform land surveying services.

9. **Question:** The **Exhibit A** on page 3 of 3 asks:
Firm is proposing a Mentor-Protégé on this project: Yes ☐ No ☐

Name of Protégé Firm	Areas of work (prequalification category(ies) they will be participating in

What are we required to include in the above?

Answer: First check yes or no. If yes, include the name of the firm that will be the protégé and which prequalification category they will be mentored to do.

Example:

Firm is proposing a Mentor-Protégé on this project: Yes ☒ No ☐

Name of Protégé Firm	Areas of work (prequalification category(ies) they will be participating in
ABC Engineering	Location Design Studies (Rehabilitation)

Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10

10. **Question:** The advertisement states: The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition. Where do I find the approved staffing?

Answer: Every firm prequalified in environmental assessment receives as part of the prequalification response, a document that has a listing of who is qualified for lead and each discipline and at what level, EA or EIS. The personnel on the document titled "Prequalified Environmental Staff" are the staff that must appear on Exhibit B.

11. **Question:** The Advertisement states the required prequalification category is **Location/Design Studies (Reconstruction/Major Rehabilitation)**. Is the firm required to submit an Exhibit B?

Answer: Yes, it's required per the guidelines: 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**. Only the first section is required for Location Design Studies,

Location/Design Study Work

*This portion to be completed when projects require Location Design Studies
(Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction)*

For projects requiring Environmental Reports, the second portion is required
Environmental Work

*This portion to be completed when projects require Environmental Reports
(Environmental Assessment or Environmental Impact Statements)*

The request in the advertisement for Exhibit B is done as a courtesy.

12. **Question:** The guidelines say no more than 2 pages for firm's interest in performing the work. The advertisement requests additional data such as:

- Statements of Interest must also include the proposed Quality Assurance/Quality Control (QA/QC) plan for the project design, including calculations and check-set plans and specifications as deliverables.

Or

- Statements of Interest must include details of how the Consultant will accomplish the work, a schedule for completing the work in the prescribed time, the firm's capability, and project team experience for similar projects, an organizational chart for the project, etc.

Can we go over the 2 page limit?

Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10

Answer: The guidelines also state, “8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.” The 2 page limit is separate from the additional requirements that may be requested in the advertisement. Your firm may not be considered if not all information requested in the advertisement is provided.

13. **Question:** Can we include pictures, charts, graph's?

Answer: Yes, but we have a limitation on receiving files. Our system can only accept files under 2MB.

14. **Question:** Our Statement of Interest files are very large. Can we break up the file and send in multiple e-mails?

Answer: Yes, but first look at why it's so large. Is everything scanned; are large picture files included, etc. Converting existing files to Adobe and limiting graphics can reduce the size of a file significantly.

As stated in the E-mail Instructions,
Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

15. **Question:** Our firm wants to do a joint venture (JV). Does IDOT have a JV agreement form?

Answer: No, IDOT does not have a form. It is up to the Consultants entering into a JV to submit the JV agreement as part of the Statement of Interest. See recurring notice **“NOTICE FOR JOINT VENTURE”**

16. **Question:** What are common errors made by consultants when submitting a Statement of Interest?

Answer: Waiting until the last minute to complete the Statements of Interest and using old SOL's with no quality control check.

Required forms and typical problems	
Document	Problem(s)
Current Obligations Example attached BDE CUR-OB	(wrong form, addition errors, \$'s not included for latest selection information, Construction Inspection work more than total work shown) (review instructions)

**Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10**

Required forms and typical problems continued	
Document	Problem(s)
Delinquent Debt Example attached BDE 3000	(not signed/dated, subconsultants not included, doesn't match first page, i.e. prime has sub working on item 2 and 4, sub lists working on 2 and 6)
Disclosure BDE DISC 2 Template (Consultants)	(not signed/dated, only partial submittal, missing form A or B or no disclosure included) A complete disclosure is required with every Professional Transportation Bulletin, IDOT is unable to authorize the firm to do work if disclosure is not clear.
Exhibit A Example attached BDE XHBT-A	(nothing in footer to indicate which form used, old form used, not signed/dated, city not indicated, DBE and work they are performing are not listed all requested personnel in advertisement not included.
Exhibit B BDE XHBT-B	(not included, nothing in footer to indicate which form used, old form used although new revised date shown in footer) Personnel listed did not match SEFC Environmental Staffing plan)
Iran Disclosure Example attached BDE 2900	(not signed/dated or included)
Miscellaneous	(Late, partial submittal, sent to wrong e-mail address, etc.)

NEW:

The forms for Current Obligations, Delinquent Debt, Exhibit A, and the Iran Disclosures have been completed and are attached as examples of how to correctly fill out for submittal.

Forms are located at: <http://www.dot.il.gov/desenv/deform.html>



Consultant's Current Obligations for Statements of Interest

Item(s) # 4, 12, & 22

Your Firm as Prime Consultant

Your Firm as Subconsultant To:

Note: The start date for the 0-6 months will be the date of this PTB

Firm Name ABC Engineering PTB # 151 Item(s) # 4, 12, & 22

Work By Your Transportation Staff for Other Than the Illinois Department of Transportation

	Total Agreement Amount (000's)	Fee to be Earned		
		0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
City of Chicago	N/A			
Illinois State Toll Authority	750	350	250	150
All Other Work (Public & Private)	1,000	300	400	300
Total Non-IDOT		650	650	450

Note: The start date for the 0-6 months will be the date of this PTB

Summary of Work

(DO NOT TYPE IN THIS AREA-AUTO FILL IN)

Totals for Firm	0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
As Prime (from page 1)	950	350	250
As Subconsultant (from page 1)	175	25	50
For Non-IDOT (from table above)	650	650	450
Total	1775	1025	750

Work by Your Transportation Staff for all Construcion Inspection, Phase III Projects:

	Total Agreement Amount (000's)	Fee to be Earned		
		0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
Phase III Work	500	100	300	100



PTB # 151 & Item(s) # 4, 12, & 22

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that ABC Engineering with the FEIN or SSN of 555-55-5555
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Jane Doe
Signature

2-17-10
Date

List all known subconsultants and the PTB item(s):

JKays Civil Firm (Item 4 & 12)
Megs Structural Creations (Items 12 & 22)

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



PTB # 151 & Item(s) # 4 & 12

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that JKays Civil Firm with the FEIN or SSN of 888-88-8888
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Jessica Smith
Signature

2-16-10
Date

List all known subconsultants and the PTB item(s):

N/A

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



PTB # 151 & Item(s) # 12 & 22

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that Megs Structural Creations with the FEIN or SSN of 999-99-9999
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Megan Jones
Signature

2-16-10
Date

List all known subconsultants and the PTB item(s):

N/A

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



EXHIBIT A

PTB # 151 **& Item #** 04

Proposed Staff, Subconsultants and Current Transportation Obligations

I certify that I am the Vice President of the firm of ABC Engineering and that I have thoroughly reviewed our existing and pending obligations for services by our Transportation Technical Staff **(including work for which selection has been made but negotiations and/or agreement execution have not been finalized)** during the ensuing year(s) to all of our clients on any type of project and have included them on the Current Obligations Form. If we are selected for this project, we will assign it as a top priority project with the following minimum staff for the full term of the contract. The office location from which a majority of the work for this project will be performed is:

(City) Engineering Town (State) IL

Signature: Jane L. Doe

Print Name: Jane Doe Phone: 555-555-5555 Fax: 556-556-5656

Date: 2-21-2010 E-mail: J.Doe@abcengineering.com

Project Manager :	Project Engineer :
Name <u>Sam Smith</u>	Name <u>John Roads</u>
Category <u>PE</u> (PE, SE, LS)	Category <u>PE</u> (PE, SE, LS)
Registration # <u>062-11-1111</u>	Registration # <u>062-22-1111</u>
Year Registered <u>2000</u> State <u>IL</u>	Year Registered <u>1999</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

QC/QA Roadway :	QC/QA Structures:
*Name <u>Jane Doe</u>	*Name <u>N/A</u>
Category <u>PE</u> (PE, SE, LS)	Category <u></u> (PE, SE, LS)
Registration # <u>062-33-1111</u>	Registration # <u></u>
Year Registered <u>1999</u> State <u>IL</u>	Year Registered <u></u> State <u></u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u></u> State <u></u>

Other Required Key Staff:

Name Required Prequalification Category : Route/Land Surveying	Name Required Prequalification Category: Location Drainage
*Name <u>Jessica Smith @ JKay's Civil Firm</u>	*Name <u>John Roads</u>
Category <u>LS</u> (PE, SE, LS)	Category <u>PE</u> (PE, SE, LS)
Registration # <u>035-11-1111</u>	Registration # <u>062-22-1111</u>
Year Registered <u>2002</u> State <u>IL</u>	Year Registered <u>1999</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Civil City</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

*If work is being done by a subconsultant, list firm name also.

Other Required Key Staff:

Name Required Prequalification Category :	Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

*If work is being performed by a subconsultant, list firm name also.
Attach resumes of above-listed personnel.

Management	Professionals	Sub-professionals
Total <u>2</u>	Engineers <u>3</u> Land Surveyors <u>1</u> Architects <u>0</u> Others <u>0</u> Total <u>4</u>	Technicians <u>3</u> Draftsmen <u>2</u> Survey Crew <u>2</u> Clerical <u>2</u> Other <u>1</u> Total <u>10</u>
		Total Project Staff <u>14</u>

EXHIBIT A CONTINUEDPTB # 151 & Item # 04Firm will complete project within estimated time listed in the project advertisement. Yes ☒ No ☐If **Yes**, provide completion date and/or number of months. Per the advertisement 24 monthsIf **No**, explain:

List all Subconsultant(s) and denote if sub is a DBE; and the item(s) [category(ies)] of work they will perform.
JKays Civil Firm (DBE) Land and Route surveying services

Firm is Proposing a Mentor-Protégé on this project: Yes ☐ No ☒**Name of Protégé Firm****Areas of work (prequalification category(ies) they will be participating in**



EXHIBIT A

PTB # 151 **& Item #** 12

Proposed Staff, Subconsultants and Current Transportation Obligations

I certify that I am the Vice President of the firm of ABC Engineering and that I have thoroughly reviewed our existing and pending obligations for services by our Transportation Technical Staff **(including work for which selection has been made but negotiations and/or agreement execution have not been finalized)** during the ensuing year(s) to all of our clients on any type of project and have included them on the Current Obligations Form. If we are selected for this project, we will assign it as a top priority project with the following minimum staff for the full term of the contract. The office location from which a majority of the work for this project will be performed is:

(City) Engineering Town (State) IL

Signature: Jane L. Doe

Print Name: Jane Doe Phone: 555-555-5555 Fax: 556-556-5656

Date: 2-21-2010 E-mail: J.Doe@abcengineering.com

Project Manager :	Project Engineer :
Name <u>Sam Smith</u>	Name <u>James Bridges</u>
Category <u>PE</u> (PE, SE, LS)	Category <u>PE/SE</u> (PE, SE, LS)
Registration # <u>062-11-1111</u>	Registration # <u>062-22-1111 & 081-11-1111</u>
Year Registered <u>2000</u> State <u>IL</u>	Year Registered <u>99/01</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

QC/QA Roadway :	QC/QA Structures:
*Name <u>Jane Doe</u>	*Name <u>Megan Jones @ Megs Structural Creations</u>
Category <u>PE</u> (PE, SE, LS)	Category <u>SE</u> (PE, SE, LS)
Registration # <u>062-33-1111</u>	Registration # <u>081-22-2222</u>
Year Registered <u>1999</u> State <u>IL</u>	Year Registered <u>2005</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u>Rolling Roads</u> State <u>IL</u>

Other Required Key Staff:

Name Required Prequalification Category : Route/Land Surveying	Name Required Prequalification Category: Location Drainage
*Name <u>Jessica Smith @ JKays Civil Firm</u>	*Name <u>John Roads</u>
Category <u>LS</u> (PE, SE, LS)	Category <u>PE</u> (PE, SE, LS)
Registration # <u>035-11-1111</u>	Registration # <u>062-22-1111</u>
Year Registered <u>2002</u> State <u>IL</u>	Year Registered <u>1999</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Civil City</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

*If work is being done by a subconsultant, list firm name also.

Other Required Key Staff:

Name Required Prequalification Category : Structures Simple	Required Prequalification Category:
*Name <u>Paul Jems</u>	*Name _____
Category <u>SE</u> (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # <u>081-11-1111</u>	Registration # _____
Year Registered <u>2006</u> State <u>IL</u>	Year Registered _____ State _____
Office Location _____	Office Location _____
City <u>Rolling Roads</u> State <u>IL</u>	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

*If work is being performed by a subconsultant, list firm name also.
Attach resumes of above-listed personnel.

Management	Professionals	Sub-professionals
Total <u>2</u>	Engineers <u>7</u> Land Surveyors <u>1</u> Architects <u>0</u> Others <u>0</u> Total <u>4</u>	Technicians <u>6</u> Draftsmen <u>2</u> Survey Crew <u>2</u> Clerical <u>1</u> Other <u>0</u> Total <u>11</u>
		Total Project Staff <u>15</u>

EXHIBIT A CONTINUED

PTB # 151 & **Item #** 12

Firm will complete project within estimated time listed in the project advertisement. Yes ☒ No ☐

If **Yes**, provide completion date and/or number of months. Per the advertisement 36 months

If **No**, explain:

List all Subconsultant(s) and denote if sub is a DBE; and the item(s) [category(ies)] of work they will perform.

JKays Civil Firm (DBE) Land and Route surveying services

Megs Structural Creations (Structures Highway: Typical)

Firm is Proposing a Mentor-Protégé on this project: Yes ☒ No ☐

Name of Protégé Firm

JKays Civil Firm

Areas of work (prequalification category(ies) they will be participating in

Highways (Roads and Streets)



PTB # 151 **& Item #(s)** 4, 12, and 22

Public Act 95-0616 provides that each bid, offer, or proposal submitted for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

- (1) More than 10% of the Company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction activities; less than 75% of the Company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and, the Company has failed to take substantial action.
- (2) The Company has, on or after August 5, 1996, made an investment of \$20 million or more, or any combination of investments of at least \$10 million each that in the aggregate equals or exceeds \$20 million in any 12-month period, which directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

The terms "Business Operations", "Company", "Mineral-extraction Activities", "Oil-related Activities", "Petroleum Resources", and "Substantial Action" are all defined in the Act.

Failure to make the disclosure required by the Act shall cause the bid, offer, or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid, offer, or proposal or awarding the contract. The name of each Company disclosed as doing business or having done business in Iran will be provided to the State Comptroller.

To be in compliance with the Disclosure of Business Operations in Iran, check the appropriate statement:

- ☒ **Company has no business operations in Iran to disclose.**
- ☐ **Company has business operations in Iran as disclosed in the attached document(s).**

The following must be signed and dated by a person authorized to execute contracts for the offeror.

THE FOLLOWING STATEMENT MUST BE SIGNED AND DATED

<u>ABC Engineering</u> <small>Name of Firm (type or print)</small>	
<u>Jane L. Doe</u> <small>Name of Authorized Representative (type or print)</small>	
<u>Vice President</u> <small>Title of Authorized Representative (type or print)</small>	
<u>Jane L. Doe</u> <small>Signature of Authorized Representative</small>	<u>02-18-2010</u> <small>Date</small>

To submit, use Consultant firm code, followed by DISCIR.

Example: Firm Code "ABC" submittal would be ABCDISCIR.pdf (Required From Prime Only)

NOTICE

Change in Invoice Forms Effective June 4, 2009

The invoice forms are available on the IDOT web site under Doing Business, Consultant Services, Consultant Forms at: <http://www.dot.il.gov/desenv/consult.html>

The new invoice forms were developed by a joint committee made up of ACEC members and IDOT personnel. Thanks to everyone that helped in the development of these forms.

Frequently asked questions regarding the invoices are located at <http://www.dot.il.gov/desenv/FAQ.html>

Additional questions can be directed to Cheryl Cathey, Cheryl.Cathey@illinois.gov

Return To: Cement and Concrete Reference Laboratory
At NIST
100 Bureau Drive, Stop 8616
Gaithersburg, Maryland 20899-8618
Phone: 301-975-6704
Fax: 301-975-2243
Email: ccrl@nist.gov

APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

Name: Mark Gawedzinski, BMPR Pre-Qualification Coordinator
Company: Illinois Department of Transportation
Bureau of Materials and Physical Research
Address: Springfield, Illinois
Email Address: mark.gawedzinski@illinois.gov
Phone: 217-782-2799

For:

Laboratory Name: _____

Address: _____

Phone Number: _____

CCRL Laboratory Number _____

I hereby give permission to CCRL to release copies of proficiency sample reports:

Signature (mandatory)

Date

Print Name

Print Title

E-mail Address

This release remains in effect as long as this laboratory participates in the CCRL proficiency sample program.

NOTICE
Effective January 24, 2008

**Illinois Department of Transportation
Requirements for Verification of Quality Assurance Consultants Enrollment in
the AMRL Proficiency Assessment Program**

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site at:

<http://amrl.net>

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO (Illinois Modified)	ASTM	Description
AGGREGATES		
T 11 (IL)	C117	75-µm (No. 200) by Washing
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)
HOT-MIX ASPHALT		
T 166 (IL)	D2726	Bulk Specific Gravity
T 209 (IL)	D2041	Maximum Specific Gravity
T 312 (IL)		Superpave Gyratory compaction
T 308 (IL)		Asphalt Binder Content by Ignition
CONCRETE		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

David L. Lippert, P.E.
Engineer of Materials
And Physical Research

NOTICE

Construction Guides and Manuals – Memorandums

The Department's Construction Guides, Manuals and Memorandum are available on our web-site at the following address: <http://www.dot.il.gov/dobuisns.html>.

The Manual Sales Order Form is also available at the following address: <http://www.dot.il.gov/desenv/orderform.html>

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (www.dot.il.gov/desenv/pregcons.html) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the **Illinois Unified Certification Program** web site (www.dot.il.gov/ucp/ucp.html) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact Carol Lyle in the Office of Business and Workforce Diversity. Any questions on prequalification, please contact Cheryl Cathey.

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm's letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT's Division of Highways' Bureau of Design and Environment (BDE). IDOT's Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT's web site <http://www.dot.il.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE's Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

NOTICE OF ELECTRONIC SIGNATURES

In order for us to verify your scanned in signature (on cover letters, Exhibit A, Disclosure Forms A and B, and Delinquent Payment Form) we request that you complete the Signature Certification for Electronic Submittals form and submit it to us in **hard-copy** immediately. A signature certification form must be completed for each individual that will be signing any of the above mentioned documents. **If you have previously submitted your Signature Certification and no new individual will be signing the documents you are not required to re-submit the document.**

Send Submittal to:
Illinois Department of Transportation
Ms. Cheryl Cathey
Bureau of Design and Environment
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, IL 62764

If you have questions, please contact Carrie Kowalski at: Carrie.Kowalski@illinois.gov

Signature Certification for Electronic Submittal
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Signature Certification For Electronic Submittals

I certify that my electronically scanned-in signature appearing in future electronic Statements of Interest and associated documents submitted by our firm is authorized to be affixed by the person doing so and will be binding on the firm.

(Firm) _____
(Signature) _____
(Title)

STATE OF _____

COUNTY OF _____ I, _____

a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that

known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (he/she) signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this _____ day of _____ A.D. _____

NOTARY PUBLIC

Notice
Of Requirement For
Illinois Department Of Human Rights (IDHR)
Public Contract Number

Following selection, contract all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site www.state.il.us/dhr/ or may also be obtained by contacting:

DHR, Public Contracts Section
Public Contracts Division
100 W. Randolph,
Suite 10-100
Chicago, IL 60601

or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

NOTICE FOR JOINT VENTURE

Statements submitted by Joint Ventures will be considered. The Joint Venture, Agreement signed by all parties, must be included with the statement of interest. The Joint Venture entity will have the sum of the individual firm's prequalification, capacity and evaluation history. IDOT **does not** have a form for joint venture agreements. The firms submitting as a joint venture are required to obtain and submit the joint venture agreement.

The required insurance coverage applies to the Joint Venture entity.

The Joint Venture entity will submit one statement of interest with the following specified:

- the party who will be the managing firm
- the firm responsible for each prequalification category
- each individual firm's work left, disclosure forms and delinquent dept forms.
- the firm responsible for invoicing
- One Exhibit A plus other required documents specified in the PTB combining the information for all firms. (Indicate personnel name and firm name on exhibit A for key staff)

EXHIBIT A EXAMPLE:

Name Required Prequalification Category :

Location Drainage

*Name Mr. John Smith (ABC Engineering Assoc.)

Category PE (PE, SE, LS)

Registration # 62012345

Year Registered 1995 State IL

Office Location:

City Chicago State IL

A firm planning to submit a Statements of Interest as a joint venture is required to contact the department for a new Statements of Interest Code. Contact Carrie Kowalski by e-mail at Carrie.Kowalski@illinois.gov. The code is required so that the joint venture proposal is recognized as a joint venture.

Overtime Billing for Engineering Consultant Contracts

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

NOTICE For Prequalification of Consultants & DBE Revisions

Prequalification:

As stated in each Professional Transportation Bulletin under the guidelines:

Consultant firms acting as prime must be prequalified in all of the advertised areas listed in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. If the prime is not prequalified in the required category(s) stated in the project advertisement, that firm's Statements of Interest cannot be considered for the item.

Within the Statements of Interest (Exhibit A page 3 of 3) the prime must identify any subconsultants and the item(s) of work they will perform. Subconsultants must be prequalified in the category of work they will be performing.

Also as stated in the Standard Agreement Provisions: 2.24 SUBLETTING, ASSIGNMENT OR TRANSFER:

Subconsultants must be prequalified in accordance with the department requirements. For specialized services that are required but which do not fall into the areas of prequalification of the department, a non-prequalified firm may be used with department approval.

DBE Participation:

The U.S. DOT regulation, 49CFR Sec. 26.55(a), states, "When a DBE participates in a contract, you count only the value of the work actually performed by the DBE toward the DBE goals." The IDOT and U.S. DOT regulations further state:

When a DBE subcontracts part of the work its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

Effective immediately all subconsultant proposals where a DBE is utilized for the main contract and it is necessary for them to obtain non professional services which would be listed as a direct cost, the amount of those services will not apply to the DBE goal. For example if a DBE geotechnical firm is being used and they use a non-DBE drilling company to do the borings, the cost for this work will not apply to the DBE goal.

However any direct costs incidental to doing the work, per diem, hotel costs etc. will still counted toward the goal.

NOTICE
February 7, 2008

Revised Sub-Consultants Formula

FORMULA FOR COST PLUS FIXED FEE
METHOD OF COMPENSATION

Effective on projects advertised in PTB 144 (April 5, 2007) and for all supplemental agreements received on or after June 13, 2007 the fee portion of the Cost-Plus-Fixed-Fee method of compensation will change. The compensation for this method will be:

$$\text{Compensation} = \text{DL} + \text{DC} + \text{OH} + \text{FF}$$

Where FF:

For Prime Agreements is:

$$(0.37 + R)\text{DL} + \% \text{DL}$$

When % is:

1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs

3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs

5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

Sub-Consultants

$$(0.37 + R)\text{DL}$$

Where:

R= Complexity Factor: 0, 0.035, or 0.07

DL = Direct Labor

DC= Direct Cost

OH= Overhead Rate

NOTICE
Construction and Quality Assurance Consultants
S 33- Geotechnical Field Testing and Inspection Class

Professional Transportation Bulletin 117 included a notice that S 33 is a required class for technicians performing soil tests on construction projects. This includes consultant personnel providing Construction Inspection or Quality Assurance Testing on Department projects. The Department will schedule sessions of this class after determining the demand. Below is a description of the class and sign-up information.

Course Objectives

The student will be able to do the following: 1. Determine the Standard Dry Density and Optimum Moisture content of soil or soil mix according to AASHTO T 99. 2. Determine in-place density in accordance with approved test procedures. 3. Select the correct soil curve by the use of a one-point proctor and/or textural classification of the soils. 4. Determine the moisture content of a soil by either laboratory or field methods. 5. Perform validity checks of the soils test results. 6. Report test results in accordance with departmental requirements.

Prerequisites:

1. One year of college level technical training or six months experience, or consent of the course instructor;
2. High school math, including ability to calculate percentages.

Course Length:

Two Days, including written examination.

Cost:

There is no cost to consultants.

Location:

District One, District Eight, and other locations determined by demand.

Schedule:

As determined by demand; late fall, winter, and early spring.

To Register:

Mail or Fax a note or e-mail Brad Risinger in the Technical Training Unit. For each proposed registrant, provide name, firm name, address, phone, FAX and e-mail. Please list multiple registrants in priority order, since seating in initial classes may be limited.

Brad Risinger
IDOT- Technical Training Unit
313 Hanley Building
2300 S. Dirksen Parkway
Springfield, IL 62764
217 782-0128
FAX 217 524-7260
Brad.Risinger@illinois.gov

NOTICE OF TRAINING OPPORTUNITY

Updated 4-24-09

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg
Lake Land College
5001 Lake Land Blvd.
Mattoon, IL 61938-9336
Phone: (217) 234-5285
Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us
Internet Homepage: <http://www.lakeland.cc.il.us/idotqcqa>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<http://www.nhi.fhwa.dot.gov/home.asp>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>